

10/521,593

specific topic.

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* * * * * STN Columbus * * * * *

*JICST-EPLUS - JICST-Eplus File on Sci. & Tech. in Japan 1985-present

* The files listed above are temporarily unavailable.

FILE 'HOME' ENTERED AT 11:33:32 ON 31 MAR 2007

=> FILE REG

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 11:33:43 ON 31 MAR 2007

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STRUCTURE FILE UPDATES: 30 MAR 2007 HIGHEST RN 928818-37-5

DICTIONARY FILE UPDATES: 30 MAR 2007 HIGHEST RN 928818-37-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

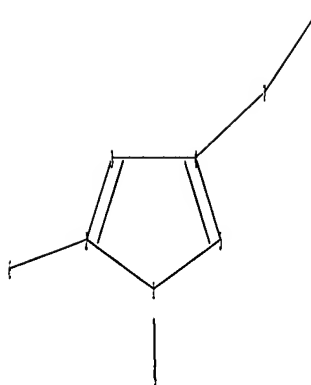
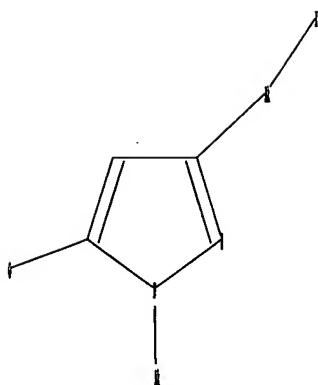
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

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10/521,593



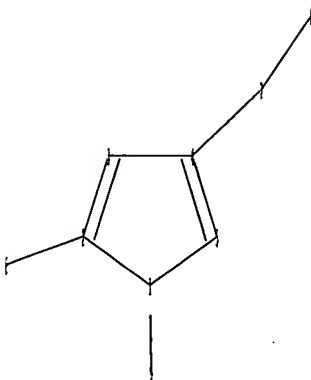
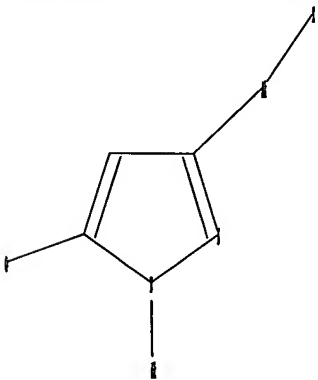
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6 7 8 9  
ring nodes :  
1 2 3 4 5  
chain bonds :  
1-9 2-6 4-7 7-8  
ring bonds :  
1-2 1-5 2-3 3-4 4-5  
exact/norm bonds :  
1-2 1-5 1-9 2-6 4-5 4-7 7-8  
exact bonds :  
2-3 3-4  
isolated ring systems :  
containing 1 :
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Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS
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L1 STRUCTURE UPLOADED

=>

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```
chain nodes :  
6 7 8 9  
ring nodes :
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10/521,593

1 2 3 4 5
chain bonds :
1-9 2-6 4-7 7-8
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
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containing 1 :

Match level :

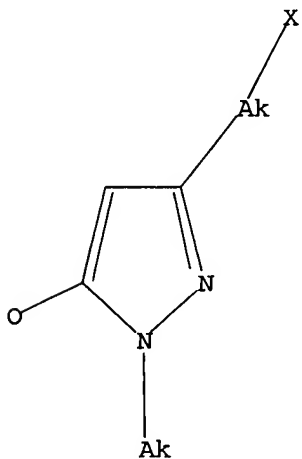
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L2 STRUCTURE UPLOADED

=> D

L2 HAS NO ANSWERS

L2 STR



Structure attributes must be viewed using STN Express query preparation.

=> S L2

SAMPLE SEARCH INITIATED 11:37:10 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 10657 TO ITERATE

18.8% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

16 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 206954 TO 219326
PROJECTED ANSWERS: 1151 TO 2259

L3 16 SEA SSS SAM L2

SAEED

10/521,593

=> S L2 FULL

FULL SEARCH INITIATED 11:37:30 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 213830 TO ITERATE

100.0% PROCESSED 213830 ITERATIONS

1840 ANSWERS

SEARCH TIME: 00.00.02

L4 1840 SEA SSS FUL L2

=> FILE CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

174.80

175.01

FILE 'CAPLUS' ENTERED AT 11:37:38 ON 31 MAR 2007

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FILE COVERS 1907 - 31 Mar 2007 VOL 146 ISS 15

FILE LAST UPDATED: 30 Mar 2007 (20070330/ED)

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<http://www.cas.org/infopolicy.html>

=> S L4

L5 199 L4

=> S L5 AND PYRAZOLE

22277 PYRAZOLE

6161 PYRAZOLES

23980 PYRAZOLE

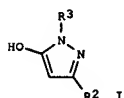
(PYRAZOLE OR PYRAZOLES)

L6 80 L5 AND PYRAZOLE

=> D IBIB ABS HITSTR TOT

L6 ANSWER 1 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2007:116034 CAPLUS
 DOCUMENT NUMBER: 146:206293
 TITLE: Process for preparation of 5-hydroxy-1-alkylpyrazole derivatives
 INVENTOR(S): Iwahori, Nobuhiko; Uchida, Yukio
 PATENT ASSIGNEE(S): Ihara Chemical Industry Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 26pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

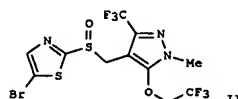
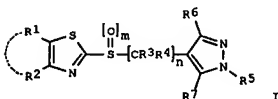
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WO 2007013536	A1	20070201	WO 2006-JP314819	20060720
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SI, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
JP 2007031342	A	20070208	JP 2005-217098	20050727
PRIORITY APPL. INFO.:			JP 2005-217098	A 20050727
OTHER SOURCE(S):	CASREACT 146:206293; MARPAT 146:206293			
GI				



AB This invention pertains to a method for producing 5-hydroxy-1-alkylpyrazole deriva. represented by the general formula I [wherein R2 = electron-withdrawing group; R3 = alkyl], characterized by reacting a β-keto ester compound with an alkyldiazine compound under acid conditions. For example, 4,4,4-trifluoroacetoacetic acid Et ester was reacted with methylhydrazine in the presence of acetic acid to give 5-hydroxy-1-methyl-3-(trifluoromethyl)pyrazole (83.9%) in 95.4% purity. This process improves drawbacks of conventional techniques and enables a 5-hydroxy-1-alkylpyrazole derivative having an electron-withdrawing

L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2006:1226308 CAPLUS
 DOCUMENT NUMBER: 145:505441
 TITLE: Preparation of thiazoles as novel herbicides
 INVENTOR(S): Elliott, Allison Clare; Hughes, Philip; Plant, Andrew
 PATENT ASSIGNEE(S): Syngenta Limited, UK
 SOURCE: PCT Int. Appl., 142pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

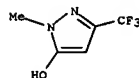
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WO 2006123088	A2	20061123	WO 2006-GB1316	20060411
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PRIORITY APPL. INFO.:			GB 2005-10151	A 20050518
OTHER SOURCE(S):	MARPAT 145:505441			
GI				



AB The title compds. I [R1, R2 = H, alkyl, cycloalkyl, etc.; or R1 and R2 together with the carbon atom to which they are bonded form alkylene which optionally contains one or two oxygen or sulfur atoms or one to three

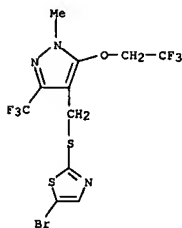
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L6 ANSWER 1 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 group in the 3-position to be produced with satisfactory selectivity in high yield.
 IT 122431-37-2P, 5-Hydroxy-1-methyl-3-(trifluoromethyl)pyrazole
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of 5-hydroxy-1-alkylpyrazole derivs.)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



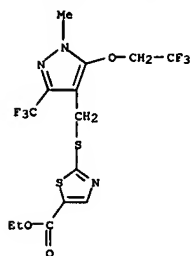
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 amino or alkylamino groups and which optionally contains a double bond; R3, R4 = H, alkyl, haloalkyl, etc.; m = 0-2; n = 1-3; R5-R7 = H, OH, halo, etc.; with the proviso] which are suitable for use as herbicides, were prepd. E.g., a multi-step synthesis of II, starting from 5-chloro-1-methyl-3-trifluoromethyl-1H-pyrazole -4-carboxaldehyde, was given. II showed 100% control against Amaranthus retroflexus (redroot pigweed) and against Stellaria media (chickweed) (pre-emergence action) at 500 g/ha.
 IT 915135-81-8P 915136-59-3P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (preparation of thiazoles as novel herbicides)
 RN 915135-81-8 CAPLUS
 CN Thiazole, 5-bromo-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)



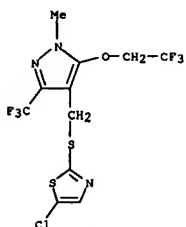
RN 915136-59-3 CAPLUS
 CN 5-Thiazolecarboxylic acid, 2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-, ethyl ester (9CI) (CA INDEX NAME)

L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

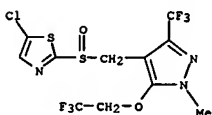


IT 915135-82-9P 915135-83-0P 915135-93-2P
 915135-94-3P 915135-95-4P 915135-99-8P
 915136-01-5P 915136-02-6P 915136-03-7P
 915136-04-8P 915136-05-9P 915136-06-0P
 915136-11-7P 915136-12-8P 915136-13-9P
 915136-14-0P 915136-15-1P 915136-16-2P
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 915136-27-5P 915136-28-6P 915136-29-7P
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 915137-21-2P 915137-22-3P 915137-23-4P
 915137-24-5P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
 (Synthetic preparation); BIOL (Biological study); PREP (Preparation);
 USES

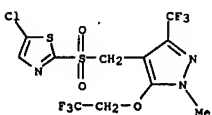
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 915135-94-3 CAPLUS
 CN Thiazole, 5-chloro-2-([1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl)sulfinyl]- (9CI) (CA INDEX NAME)



RN 915135-95-4 CAPLUS
 CN Thiazole, 5-chloro-2-([1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl)sulfonyl]- (9CI) (CA INDEX NAME)

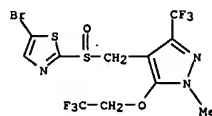


RN 915135-99-8 CAPLUS
 CN 5-Thiazolecarboxylic acid, 2-([1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl)sulfonyl]-4-(trifluoromethyl)-ethyl ester (9CI) (CA INDEX NAME)

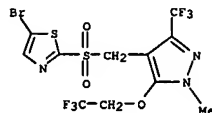
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L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

(Uses)
 (prepn. of thiazoles as novel herbicides)
 RN 915135-82-9 CAPLUS
 CN Thiazole, 5-bromo-2-([1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl)sulfinyl]- (9CI) (CA INDEX NAME)

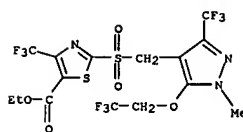


RN 915135-83-0 CAPLUS
 CN Thiazole, 5-bromo-2-([1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl)sulfonyl]- (9CI) (CA INDEX NAME)

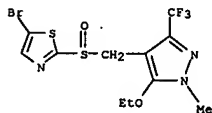


RN 915135-93-2 CAPLUS
 CN Thiazole, 5-chloro-2-([1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl)thio]- (9CI) (CA INDEX NAME)

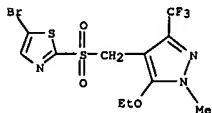
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



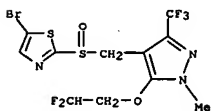
RN 915136-01-5 CAPLUS
 CN Thiazole, 5-bromo-2-([1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 915136-02-6 CAPLUS
 CN Thiazole, 5-bromo-2-([1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl)sulfonyl]- (9CI) (CA INDEX NAME)

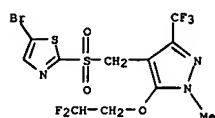


RN 915136-03-7 CAPLUS
 CN Thiazole, 5-bromo-2-([1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl)sulfonyl]- (9CI) (CA INDEX NAME)

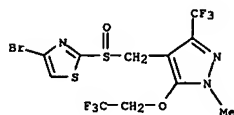


L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

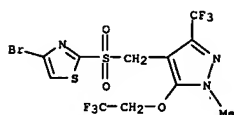
RN 915136-04-8 CAPLUS
 CN Thiazole,
 5-bromo-2-[[[5-(2,2-difluoroethoxy)-1-methyl-3-(trifluoromethyl)-
 1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 915136-05-9 CAPLUS
 CN Thiazole, 4-bromo-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(
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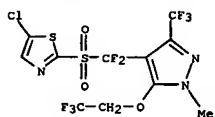


RN 915136-06-0 CAPLUS
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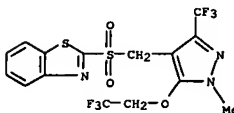


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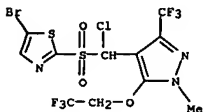
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



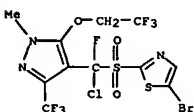
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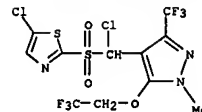
RN 915136-16-2 CAPLUS
 CN Thiazole, 5-bromo-2-[[[chloro[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(
 trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)



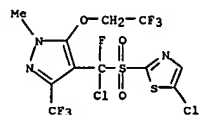
RN 915136-17-3 CAPLUS
 CN Thiazole, 5-bromo-2-[[[chlorofluoro[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(
 trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)



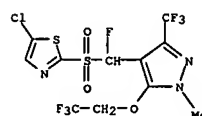
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 915136-12-8 CAPLUS
 CN Thiazole, 5-chloro-2-[[[chlorofluoro[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(
 trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)



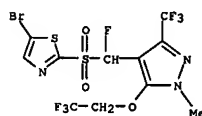
RN 915136-13-9 CAPLUS
 CN Thiazole, 5-chloro-2-[[[fluoro[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(
 trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)



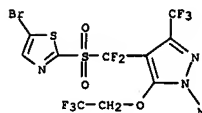
RN 915136-14-0 CAPLUS
 CN Thiazole, 5-chloro-2-[[[difluoro[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(
 trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

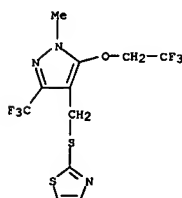
RN 915136-18-4 CAPLUS
 CN Thiazole, 5-bromo-2-[[[fluoro[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(
 trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 915136-19-5 CAPLUS
 CN Thiazole, 5-bromo-2-[[[difluoro[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(
 trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

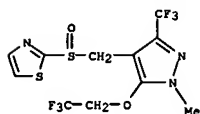


RN 915136-24-2 CAPLUS
 CN Thiazole, 2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-
 pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)

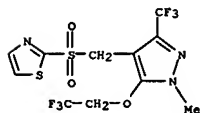


RN 915136-25-3 CAPLUS
 CN Thiazole, 2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-
 pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

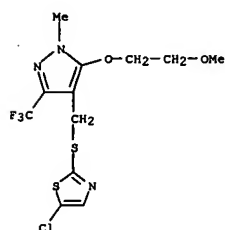
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 915136-26-4 CAPLUS
CN Thiazole, 2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

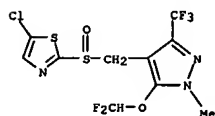


RN 915136-27-5 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-(2-methoxyethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)

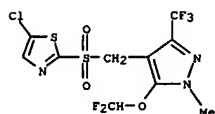


RN 915136-28-6 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-(2-methoxyethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfinyl]- (9CI) (CA INDEX NAME)

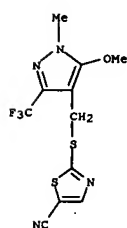
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 915136-35-5 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

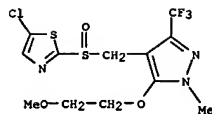


RN 915136-36-6 CAPLUS
CN 5-Thiazolecarbonitrile, 2-[[[5-methoxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)

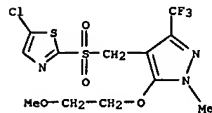


RN 915136-37-7 CAPLUS
CN 5-Thiazolecarbonitrile, 2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)

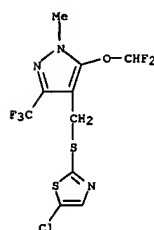
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 915136-29-7 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-(2-methoxyethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

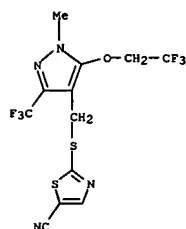


RN 915136-33-3 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)

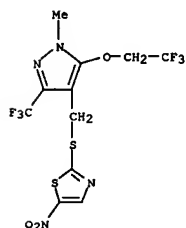


RN 915136-34-4 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfinyl]- (9CI) (CA INDEX NAME)

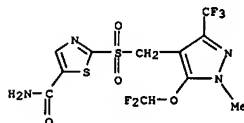
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



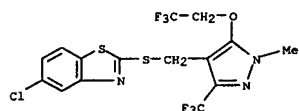
RN 915136-38-8 CAPLUS
CN Thiazole, 2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-5-nitro- (9CI) (CA INDEX NAME)



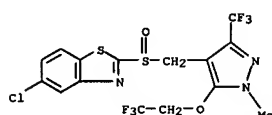
RN 915136-39-9 CAPLUS
CN 5-Thiazolecarboxamide, 2-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)



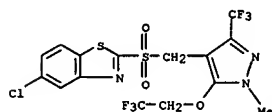
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 RN 915136-40-2 CAPLUS
 CN Benzothiazole, 5-chloro-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)



RN 915136-41-3 CAPLUS
 CN Benzothiazole, 5-chloro-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfinyl]- (9CI) (CA INDEX NAME)

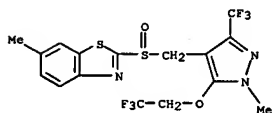


RN 915136-42-4 CAPLUS
 CN Benzothiazole, 5-chloro-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

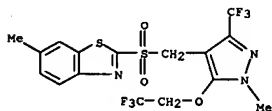


RN 915136-43-5 CAPLUS
 CN Benzothiazole, 6-ethoxy-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)

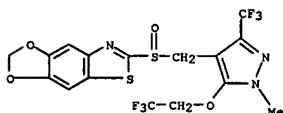
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 915136-47-9 CAPLUS
 CN Benzothiazole, 6-methyl-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

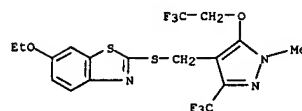


RN 915136-48-0 CAPLUS
 CN 1,3-Dioxolo[4,5-f]benzothiazole, 6-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

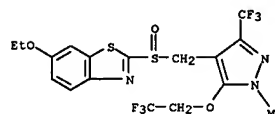


RN 915136-49-1 CAPLUS
 CN 1,3-Dioxolo[4,5-f]benzothiazole, 6-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

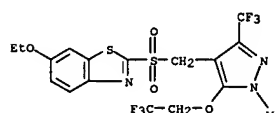
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 915136-44-6 CAPLUS
 CN Benzothiazole, 6-ethoxy-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

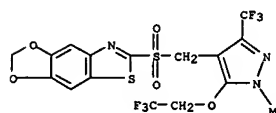


RN 915136-45-7 CAPLUS
 CN Benzothiazole, 6-ethoxy-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

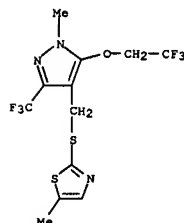


RN 915136-46-8 CAPLUS
 CN Benzothiazole, 6-methyl-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

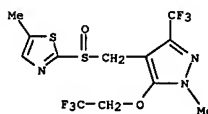
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 915136-50-4 CAPLUS
 CN Thiazole, 5-methyl-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)

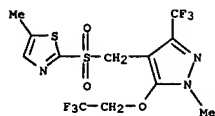


RN 915136-51-5 CAPLUS
 CN Thiazole, 5-methyl-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

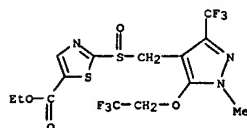


RN 915136-52-6 CAPLUS
 CN Thiazole, 5-methyl-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

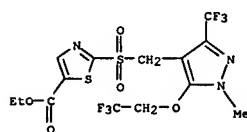
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 915136-60-6 CAPLUS
CN 5-Thiazolecarboxylic acid, 2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfinyl]-, ethyl ester (9CI) (CA INDEX NAME)

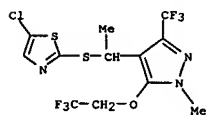


RN 915136-61-7 CAPLUS
CN 5-Thiazolecarboxylic acid, 2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

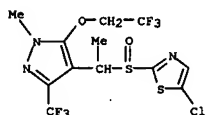


RN 915136-62-8 CAPLUS
CN Thiazole, 5-(difluoromethyl)-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)

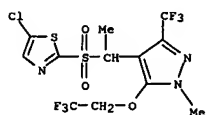
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 915136-72-0 CAPLUS
CN Thiazole, 5-chloro-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]ethyl]sulfinyl]- (9CI) (CA INDEX NAME)

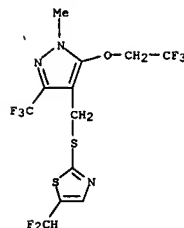


RN 915136-73-1 CAPLUS
CN Thiazole, 5-chloro-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]ethyl]sulfonyl]- (9CI) (CA INDEX NAME)

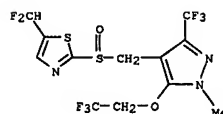


RN 915136-74-2 CAPLUS
CN Ethanone, 1-[2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-5-thiazolyl]- (9CI) (CA INDEX NAME)

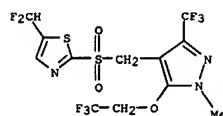
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 915136-63-9 CAPLUS
CN Thiazole, 5-(difluoromethyl)-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfinyl]- (9CI) (CA INDEX NAME)

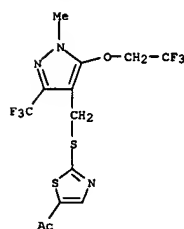


RN 915136-64-0 CAPLUS
CN Thiazole, 5-(difluoromethyl)-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

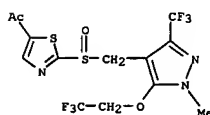


RN 915136-71-9 CAPLUS
CN Thiazole, 5-chloro-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]ethyl]thio]- (9CI) (CA INDEX NAME)

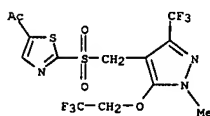
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



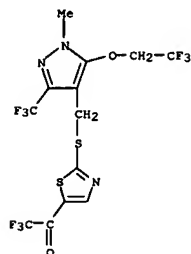
RN 915136-75-3 CAPLUS
CN Ethanone, 1-[2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfinyl]-5-thiazolyl]- (9CI) (CA INDEX NAME)



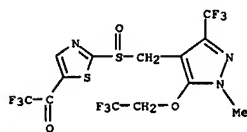
RN 915136-76-4 CAPLUS
CN Ethanone, 1-[2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-5-thiazolyl]- (9CI) (CA INDEX NAME)



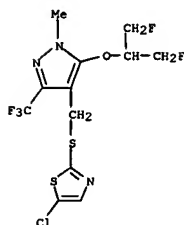
RN 915136-77-5 CAPLUS
CN Ethanone, 2,2,2-trifluoro-1-[2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-5-thiazolyl]- (9CI) (CA INDEX NAME)



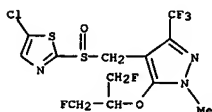
RN 915136-78-6 CAPLUS
CN Ethanone, 2,2,2-trifluoro-1-[2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfinyl]-5-thiazolyl]- (9CI)
(CA INDEX NAME)



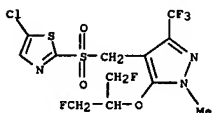
RN 915136-79-7 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-(3-fluoropropoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)



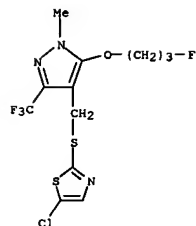
RN 915136-90-2 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-{2-fluoro-1-(fluoromethyl)ethoxy}-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl}sulfinyl]- (9CI) (CA INDEX NAME)



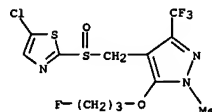
RN 915136-91-3 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-[2-fluoro-1-(fluoromethyl)ethoxy]-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)



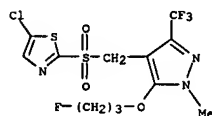
RN 915136-92-4 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-(2,2-difluoroethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl)methyl]thio]- (9CI) (CA INDEX NAME)



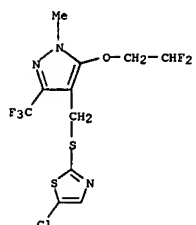
RN 915136-80-0 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-(3-fluoropropoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfinyl]- (9CI) (CA INDEX NAME)



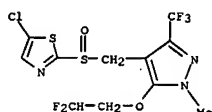
RN 915136-81-1 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-(3-fluoropropoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)



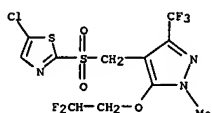
RN 915136-89-9 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-[2-fluoro-1-(fluoromethyl)ethoxy]-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)



RN 915136-93-5 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-(2,2-difluoroethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfinyl]- (9CI) (CA INDEX NAME)

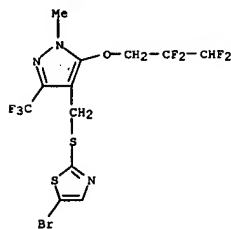


RN 915136-94-6 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-(2,2-difluoroethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl)methyl]sulfonyl]- (9CI) (CA INDEX NAME)

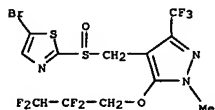


RN 915136-95-7 CAPLUS
CN Thiazole, 5-bromo-2-[[[1-methyl-5-(2,2,3,3-tetrafluoropropoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)

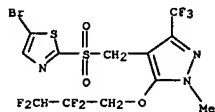
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 915136-96-8 CAPLUS
CN Thiazole, 5-bromo-2-[[[1-methyl-5-(2,2,3,3-tetrafluoropropoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfinyl]- (9CI) (CA INDEX NAME)



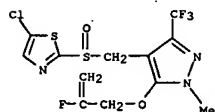
RN 915136-97-9 CAPLUS
CN Thiazole, 5-bromo-2-[[[1-methyl-5-(2,2,3,3-tetrafluoropropoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfinyl]- (9CI) (CA INDEX NAME)



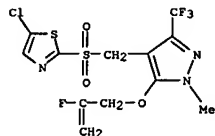
RN 915136-98-0 CAPLUS
CN 5-Thiazolecarboxamide, 2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)

L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

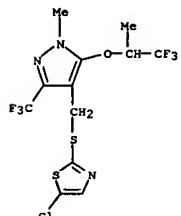
RN 915137-01-8 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-[(2-fluoro-2-propenyl)oxy]-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfinyl]- (9CI) (CA INDEX NAME)



RN 915137-02-9 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-[(2-fluoro-2-propenyl)oxy]-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfinyl]- (9CI) (CA INDEX NAME)



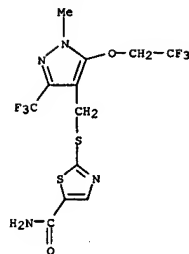
RN 915137-03-0 CAPLUS
CN Thiazole, 5-chloro-2-[[[1-methyl-3-(trifluoromethyl)-5-(2,2,2-trifluoro-1-methylethoxy)-1H-pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)



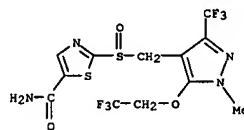
RN 915137-04-1 CAPLUS

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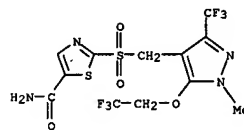
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 915136-99-1 CAPLUS
CN 5-Thiazolecarboxamide, 2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfinyl]- (9CI) (CA INDEX NAME)

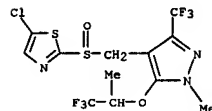


RN 915137-00-7 CAPLUS
CN 5-Thiazolecarboxamide, 2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfinyl]- (9CI) (CA INDEX NAME)



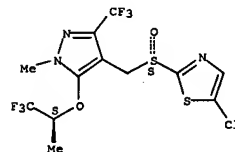
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 915137-05-2 CAPLUS
CN Thiazole, 5-chloro-2-[[[1-methyl-3-(trifluoromethyl)-5-(2,2,2-trifluoro-1-methylethoxy)-1H-pyrazol-4-yl]methyl]sulfinyl]- (9CI) (CA INDEX NAME)



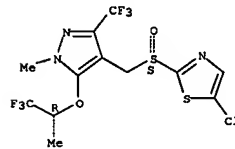
RN 915137-05-2 CAPLUS
CN Thiazole, 5-chloro-2-[[[1-methyl-3-(trifluoromethyl)-5-(2,2,2-trifluoro-1-methylethoxy)-1H-pyrazol-4-yl]methyl]sulfinyl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.

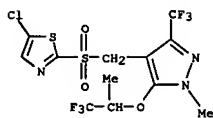


RN 915137-06-3 CAPLUS
CN Thiazole, 5-chloro-2-[[[1-methyl-3-(trifluoromethyl)-5-(2,2,2-trifluoro-1-methylethoxy)-1H-pyrazol-4-yl]methyl]sulfinyl]- (9CI) (CA INDEX NAME)

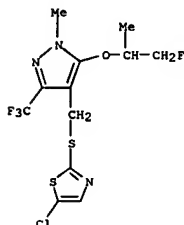
Relative stereochemistry.



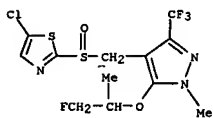
RN 915137-07-4 CAPLUS
CN Thiazole, 5-chloro-2-[[[1-methyl-3-(trifluoromethyl)-5-(2,2,2-trifluoro-1-methylethoxy)-1H-pyrazol-4-yl]methyl]sulfinyl]- (9CI) (CA INDEX NAME)



RN 915137-08-5 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-(2-fluoro-1-methylethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)

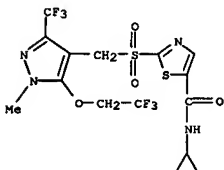


RN 915137-09-6 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-(2-fluoro-1-methylethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl)methyl]sulfinyl]- (9CI) (CA INDEX NAME)

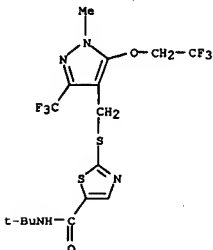


RN 915137-10-9 CAPLUS
CN Thiazole, 5-chloro-2-[[[5-(2-fluoro-1-methylethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

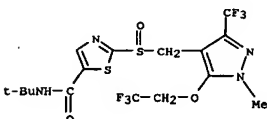
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
(9CI) (CA INDEX NAME)



RN 915137-19-8 CAPLUS
CN 5-Thiazolecarboxamide, N-(1,1-dimethylethyl)-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI)
(CA INDEX NAME)

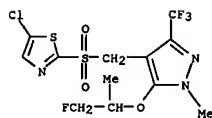


RN 915137-20-1 CAPLUS
CN 5-Thiazolecarboxamide, N-(1,1-dimethylethyl)-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl)methyl]sulfinyl]-
(SCI) (CA INDEX NAME)

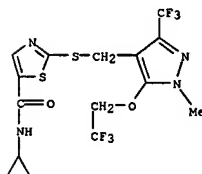


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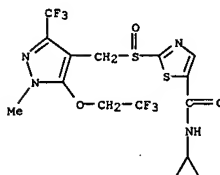
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 915137-16-5 CAPLUS
CN 5-Thiazolecarboxamide, N-cyclopropyl-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI)
(CA INDEX NAME)



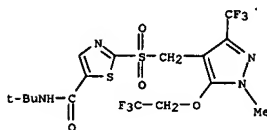
RN 915137-17-6 CAPLUS
CN 5-Thiazolecarboxamide, N-cyclopropyl-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfinyl]-(9CI) (CA INDEX NAME)



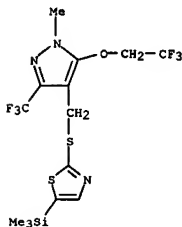
RN 915137-18-7 CAPLUS
CN 5-Thiazolecarboxamide, N-cyclopropyl-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-

L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

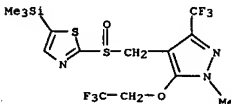
RN 915137-21-2 CAPLUS
 CN 5-Thiazolecarboxamide, N-(1,1-dimethylethyl)-2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl)methyl]sulfonyl]-(9CI) (CA INDEX NAME)



RN 915137-22-3 CAPLUS
CN Thiazole, 2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-5-(trimethylsilyl)- (9CI) (CA INDEX NAME)

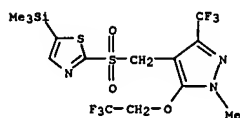


RN 915137-23-4 CAPLUS
CN Thiazole, 2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfinyl]-5-(trimethylsilyl)- (9CI) (CA INDEX NAME)

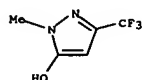


RN 915137-24-5 CAPLUS
CN Thiazole, 2-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-5-(trimethylsilyl)- (9CI) (CA INDEX NAME)

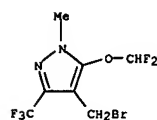
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 122431-37-2, 2-Methyl-5-(trifluoromethyl)-2H-pyrazol-3-ol
 656825-78-4 915137-50-7
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of thiazoles as novel herbicides)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

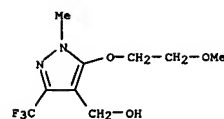


RN 656825-78-4 CAPLUS
 CN 1H-Pyrazole, 4-(bromomethyl)-5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

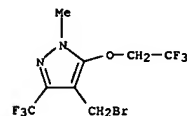


RN 915137-50-7 CAPLUS
 CN 1H-Pyrazole, 4-(bromomethyl)-5-(2-methoxyethoxy)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

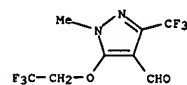
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 656825-80-8P 915137-25-6P 915137-26-7P
 915137-27-8P 915137-28-9P 915137-29-0P
 915137-32-5P 915137-33-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of thiazoles as novel herbicides)
 RN 656825-80-8 CAPLUS
 CN 1H-Pyrazole, 4-(bromomethyl)-1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

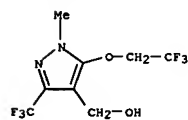


RN 915137-25-6 CAPLUS
 CN 1H-Pyrazole, 4-carboxaldehyde, 1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

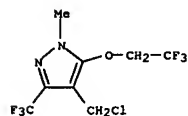


RN 915137-26-7 CAPLUS
 CN 1H-Pyrazole, 4-methanol, 1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

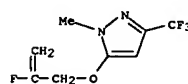
L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



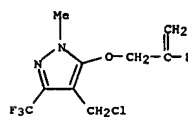
RN 915137-27-8 CAPLUS
 CN 1H-Pyrazole, 4-(chloromethyl)-1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 915137-28-9 CAPLUS
 CN 1H-Pyrazole, 5-[(2-fluoro-2-propenyl)oxy]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

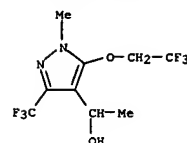


RN 915137-29-0 CAPLUS
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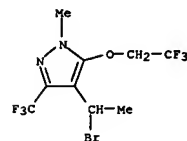


RN 915137-32-5 CAPLUS
 CN 1H-Pyrazole, 4-methanol, α,1-dimethyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 2 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 915137-33-6 CAPLUS
 CN 1H-Pyrazole, 4-(1-bromomethyl)-1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

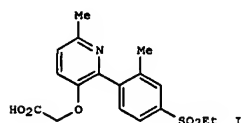


L6 ANSWER 3 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2006:343178 CAPLUS
 DOCUMENT NUMBER: 144:390553
 TITLE: Preparation of substituted carboxylic acids for treatment of respiratory disorders
 INVENTOR(S): Bonnert, Roger Victor; Luker, Timothy Jon;
 Pairadeau, Garry; Thom, Stephen
 PATENT ASSIGNEE(S): Astrazeneca AB, Swed.; Astrazeneca UK Limited
 SOURCE: PCT Int. Appl., 64 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006037982	A2	20060413	WO 2005-GB3794	20051003
WO 2006037982	A3	20060817		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, ME, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, GM, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRIORITY APPL. INFO.: GB 2004-22057 A 20041005

OTHER SOURCE(S): MARPAT 144:390553
 GI



AB Title compds. represented by the formula B-A-X-CO2H [X = Y-CR1R2 or CR3=CR4; A = (un)substituted (hetero)aryl; B = (un)substituted (hetero)aryl; Y = a bond, O, SO, amino, etc.; R1, R2 = independently H, alkenyl, alkynyl, etc.; or R1R2 = (un)substituted heterocyclyl; R3, R4 = independently H or alkyl; and pharmaceutically acceptable salts or solvates thereof] were prepared. For example, I was provided in a multi-step

L6 ANSWER 4 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2006:213174 CAPLUS
 DOCUMENT NUMBER: 144:274262
 TITLE: Isoxazoline derivatives and their preparation, herbicidal compositions, and use as herbicides to control weeds or plant growth inhibition
 INVENTOR(S): Plant, Andrew; Boehmer, Jutta Elisabeth; Black, Janice; Sparks, Timothy David
 PATENT ASSIGNEE(S): Syngenta Limited, UK
 SOURCE: PCT Int. Appl., 205 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

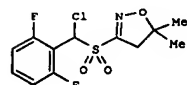
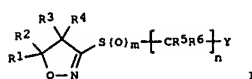
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RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, GM, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRIORITY APPL. INFO.: GB 2004-19634 A 20040903

GB 2004-20645 A 20040916

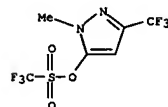
GB 2005-2486 A 20050207

OTHER SOURCE(S): MARPAT 144:274262
 GI



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L6 ANSWER 3 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 synthesis starting from reaction of 6-iodo-2-picolin-5-ol with tert-Bu bromoacetate. I showed ligand binding activity with prostaglandin D2 (pIC50 = 7.2). Thus, the title compds. and their pharmaceutical compns. are useful for the treatment of prostaglandin D2 mediated diseases, such as respiratory disorders (no data).
 IT 548466-05-3P, 1-Methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl trifluoromethanesulfonate
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of Ph substituted carboxylic acids for treatment of respiratory disorders)
 RN 548466-05-3 CAPLUS
 CN Methanesulfonic acid, trifluoro-, 1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl ester (9CI) (CA INDEX NAME)



L6 ANSWER 4 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

AB Compds. of formula I wherein the substituents are as defined in claims are suitable for use as herbicides. Also claimed is a process for the preparation of compds. of formula I wherein R1 and R2 are independently H, C1-10 (halo)alkyl, or C3-8cycloalkyl(C1-3 alkyl); or R1R2 together with the carbon atom may form a C3-7 ring, etc.; R3 and R4 are independently H, C1-10 (halo)alkyl, C3-8cycloalkyl(C1-10-alkyl), or C1-6 alkoxy-C1-10-alkyl; or R3R4 together with the carbon atom may form a C3-7 ring, etc.; R5 and R6 are independently C3-6 cycloalkyl, C1-6 (halo)alkyl(carbonyl), C1-6 hydroxyalkyl, pyrazolyl-CH2, pyrazolyl-CH2, 4,5-dihydropyrazolyl-CH2, (benzo)triazolyl-CH2, imidazolyl-CH2, tetrazolyl-CH2, indolyl-CH2, indazolyl-CH2, C2-6 (halo)alkenyl(oxy), C2-6 alkenyl(oxy), C1-6 alkylcarbonyloxy-C2-6alkenyl, C3-6 cycloalkylcarbonyl, C1-6 alkoxy-C1-6-alkylcarbonyl, or (un)substituted phenylcarbonyl, etc.;

m is 0, 1, or 2; n is 1, 2 or 3; Y is H, C1-6 (halo)alkyl(carbonyl), C2-6 cycloalkyl, C2-6 (halo)alkenyl, C2-6 alkenyl, C1-6 alkoxyalkenyl, NO2, CN, CHO, OH, carboxyl, halo, azido, thioisocyanate, trialkylsilyl, C1-6 alkylthio, C1-6 alkylsulfinyl, C1-6 alkylsulfonyl, or (un)substituted benzylsulfonyl, etc. Example compound I was prepared by chlorination of 3-(2,6-difluorobenzylsulfanyl)-5,5-dimethyl-4,5-dihydroisoxazole with N-chlorosuccinimide to give the α-chlorinated derivative, which was oxidized with and oxidant (mCPBA) to give compound II. All the invention compds. were evaluated for their herbicidal activity. Most of the tested compds. showed good herbicidal activity against grasses and weeds. I

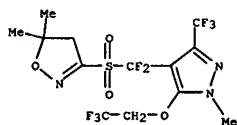
were also used with safening agents on maize, both pre- and post-emergence.

IT 878203-61-3P 878203-67-9P 878203-71-5P
 878203-73-7P 878203-75-9P 878203-77-1P
 878203-79-3P 878203-81-7P 878203-82-8P
 878203-83-9P 878203-84-0P 878203-85-1P
 878203-86-2P 878203-87-3P 878203-88-4P
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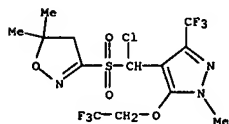
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

(Uses)
 (agrochem., herbicide; preparation of isoxazoline derivs. and their use as herbicides to control weeds or plant growth inhibition)

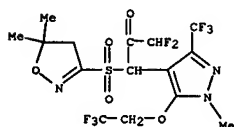
RN 878203-61-3 CAPLUS
 CN Isoxazole, 3-[(difluoro(1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl)methylsulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



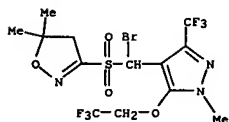
RN 878203-67-9 CAPLUS
CN Isoxazole, 3-[[chloro[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



RN 878203-71-5 CAPLUS
CN 2-Propanone, 1-({(4,5-dihydro-5,5-dimethyl-3-isoxazolyl)sulfonyl}-3,3-difluoro-1-{1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl})-(9CI) (CA INDEX NAME)



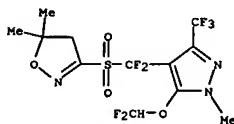
RN 878203-73-7 CAPLUS
CN Ethanone, 1-cyclopropyl-2-[(4,5-dihydro-5,5-dimethyl-3-isoxazolyl)sulfonyl]-2-[1-methyl-5-(2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl)]- (9CI) (CA INDEX NAME)



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RN      878203-81-7  CAPLUS
CN      Isoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-
(CA     pyrazol-4-yl]difluoromethyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI)
INDEX NAME)

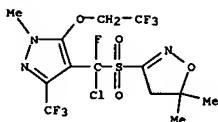
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RN      878203-82-8  CAPLUS
CN      Isoxazole, 3-[[chlorofluoro[1-methyl-5-(2,2,2-trifluoroethoxy)-3-
      (trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-
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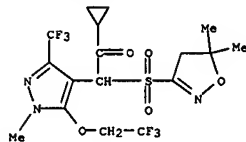
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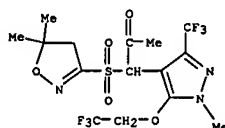
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RN      878203-83-9  CAPLUS
CN      Isoxazole, 3-[[dichloro[1-methyl-5-(2,2,2-trifluoroethoxy)-3-
      (trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-
      dimethyl- (9CI) (CA INDEX NAME)

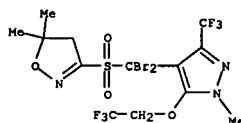
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RN 878203-75-9 CAPLUS
CN 2-Propanone, 1-[(4,5-dihydro-5,5-dimethyl-3-isoxazolyl)sulfonyl]-1-[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]-
(9CI) (CA INDEX NAME)



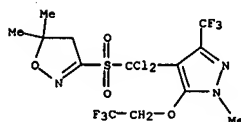
RN 878203-77-1 CAPLUS
CN Isoxazole, 3-[[dibromo[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl-9CI) (CA INDEX NAME)



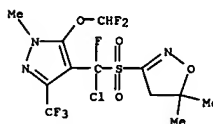
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CN      Isoxazole, 3-[(bromo[1-methyl-5-(2,2,2-trifluoroethoxy)-3-
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      dimethyl- (9CI) (CA INDEX NAME)

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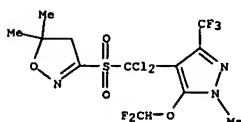
RN 878203-84-0 CAPLUS
CN Isoxazole,
3-[[chloro[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]fluoromethyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA
INDEX NAME)



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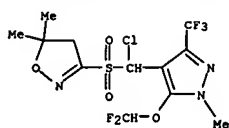
RN      878203-85-1  CAPLUS
CN      Isoxazole, 3-[[dichloro[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-
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INDEX NAME)

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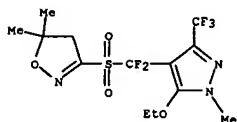


RN 878203-86-2 CAPLUS
CN Isoxazole,
3-[[chloro[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-
pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX
NAME)

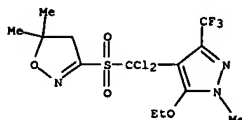
L6 ANSWER 4 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 878203-87-3 CAPLUS
CN Isoxazole, 3-[[[5-ethoxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]difluoromethyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

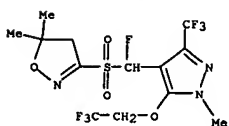


RN 878203-88-4 CAPLUS
CN Isoxazole, 3-[[[5-ethoxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

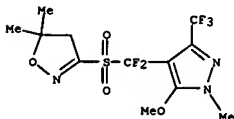


RN 878203-89-5 CAPLUS
CN Isoxazole, 3-[[[5-ethoxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

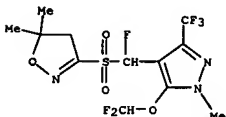
L6 ANSWER 4 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 878203-93-1 CAPLUS
CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

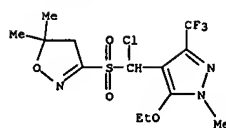


RN 878203-95-3 CAPLUS
CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

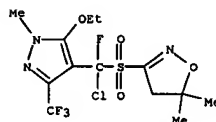


RN 878203-96-4 CAPLUS
CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

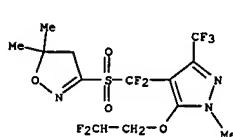
L6 ANSWER 4 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 878203-90-8 CAPLUS
CN Isoxazole, 3-[[[5-ethoxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]difluoromethyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

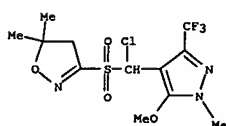


RN 878203-91-9 CAPLUS
CN Isoxazole, 3-[[[5-(2,2-difluoroethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

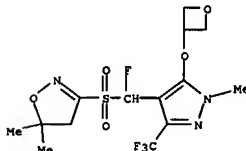


RN 878203-92-0 CAPLUS
CN Isoxazole, 3-[[[5-(2,2-difluoroethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

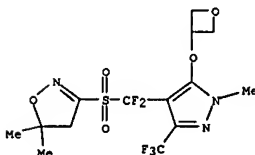
L6 ANSWER 4 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 878203-97-5 CAPLUS
CN Isoxazole, 3-[[[5-(2,2-difluoroethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

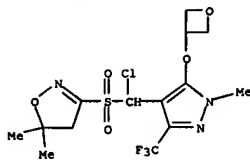


RN 878203-98-6 CAPLUS
CN Isoxazole, 3-[[[5-(2,2-difluoroethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

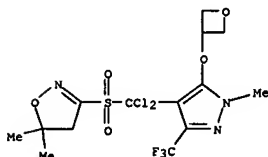


RN 878203-99-7 CAPLUS
CN Isoxazole, 3-[[[5-(2,2-difluoroethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

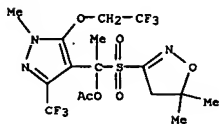
L6 ANSWER 4 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 878204-00-3 CAPLUS
CN Isoxazole,
3-[(dichloro[1-methyl-5-(3-oxetanyloxy)-3-(trifluoromethyl)-1H-
pyrazol-4-yl]methyl)sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX
NAME)

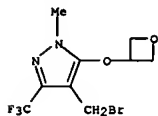


RN 878204-02-5 CAPLUS
CN 1H-Pyrazole-4-methanol, α -[4,5-dihydro-5,5-dimethyl-3-isoxazolyl)sulfonyl]- α ,1-dimethyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-, acetate (ester) (9CI) (CA INDEX NAME)

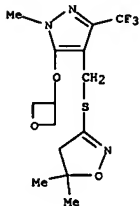


RN 878204-05-8 CAPLUS
CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-([2,2,2-trifluoro-1-[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]ethyl]sulfinyl)- (9CI) (CA INDEX NAME)

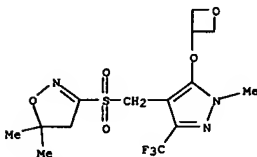
L6 ANSWER 4 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 878204-41-2 CAPLUS
CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[1-methyl-5-(3-oxetanyloxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)



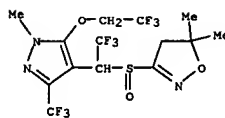
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CN      Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[1-methyl-5-(3-oxetanyloxy)-3-
(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI)  (CA INDEX
NAME)
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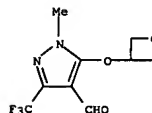
IT 447399-27-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(starting material; preparation of isoxazoline derivs. and their use
as herbicides to control weeds or plant growth inhibition)
447399-27-1 CAPLUS
CN Isoxazole, 4,5-dihydro-3-[[[5-methoxy-1-methyl-3-(trifluoromethyl)-1H-

SAEED

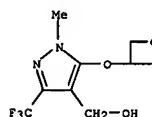
L6 ANSWER 4 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 878204-38-7P 878204-39-8P 878204-40-1P
878204-41-2P 878204-42-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(intermediate; preparation of isoxazoline derivs. and their use as
herbicides to control weeds or plant growth inhibition)
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CN 1H-Pyrazole-4-carboxaldehyde, 1-methyl-5-(3-oxyetanloxy)-3-
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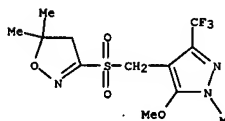


RN 878204-39-8 CAPLUS
CN 1H-Pyrazole-4-methanol, 1-methyl-5-(3-oxetanyloxy)-3-(trifluoromethyl)-
(9CI) (CA INDEX NAME)



RN 878204-40-1 CAPLUS
CN 1H-Pyrazole, 4-(bromomethyl)-1-methyl-5-(3-oxetanyloxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 4 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
pyrazol-4-yl)methyl)sulfonyl]-5,5-dimethyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR
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FORMAT

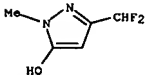
L6 ANSWER 5 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:166924 CAPLUS
 DOCUMENT NUMBER: 144:254144
 TITLE: Preparation of 4-hydroxy-3-heterocyclylalkyl-5,6-dihydro-2H-pyran-2-ones as inhibitors of hepatitis C virus RNA-dependent RNA polymerase, and compositions and treatments using the same
 INVENTOR(S): Gonzalez, Javier; Jewell, Tanya Michelle; Li, Hui; Linton, Angelica; Tatlock, John Howard
 PATENT ASSIGNER(S): Pfizer Inc., USA
 SOURCE: PCT Int. Appl., 315 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006018725	A1	20060223	WO 2005-1B2697	20050805
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MG, MK, MN, MW, MX, MY, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
AU 2005273619	A1	20060223	AU 2005-273619	20050805
US 2006122399	A1	20060608	US 2005-204269	20050815
US 7151105	B2	20061219		
NL 1029755	A1	20060221	NL 2005-1029755	20050917
NL 1029755	C2	20061018		
US 2007015764	A1	20070118	US 2006-470540	20060906
PRIORITY APPLN. INFO.:			US 2004-602618P	P 20040818
			WO 2005-1B2697	W 20050805
			US 2005-204269	A1 20050815

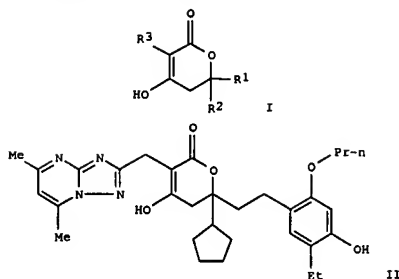
OTHER SOURCE(S): MARPAT 144:254144
 GI

L6 ANSWER 5 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 condensation of 5,7-dimethyl-(1,2,4)triazolo[1,5-a]pyrimidine-2-carboxaldehyde (prepn. described) with 6-cyclopentyl-6-[2-(5-ethyl-4-hydroxy-2-propoxyphenyl)ethyl]dihydropyran-2,4-dione (prepn. described).
 IT 129922-58-3P, 3-(difluoromethyl)-1-methyl-1H-pyrazol-5-ol
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of
 4-hydroxy-3-heterocyclylalkyl-5,6-dihydro-2H-pyran-2-ones as
 inhibitors of hepatitis C virus RNA-dependent RNA polymerase, and
 compns. and treatments using the same)
 RN 129922-58-3 CAPLUS
 CN 1H-Pyrazol-5-ol, 3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L6 ANSWER 5 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



AB The present invention provides 4-hydroxy-3-triazolopyrimidinylmethyl-5,6-dihydro-2H-pyran-2-ones and related compds. (shown as I; variables defined

below: e.g.
 6-cyclopentyl-3-[(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-6-[2-(5-ethyl-4-hydroxy-2-propoxyphenyl)ethyl]-4-hydroxy-5,6-dihydro-2H-pyran-2-one (shown as II)), and their pharmaceutically acceptable salts and solvates, which are useful as inhibitors of the hepatitis C virus (HCV) polymerase enzyme (IC50 values reported for >150 I) and are also useful for the treatment of HCV infections in

HCV-infected mammals. The present invention also provides pharmaceutical compns. comprising I, their pharmaceutically acceptable salts and solvates. Furthermore, the present invention provides intermediate compds. and methods useful in the preparation of I. For I: R1 is cyclopentyl; R2 is -(CR6R7)n(5-6 membered heterocyclic), wherein said 5-6 membered heterocyclic group is (un)substituted with ≥ 1 R4; R3 is -(CR6R7)t(C6-C10 aryl) or -(CR6R7)t(4-10 membered heterocyclic), wherein each of said C6-C10 aryl and 4-10 membered heterocyclic moieties are (un)substituted with ≥ 1 R5; each R4 = halo, -OR6, -NR6, -CF3, -CN, -C(O)R6, -C(O)OR6, -OC(O)R6, -NR6C(O)R7, -NR6C(O)OR7, -NR6C(O)NR6R7, -C(O)NR6R7, -SO2NR6R7, -NR6SO2R7, C1-C6 alkyl, C2-C6 alkenyl, and C2-C6 alkynyl, wherein said C1-C6 alkyl, C2-C6 alkenyl, and C2-C6 alkynyl groups are (un)substituted with ≥ 1 R5; each R5 = C1-C6 alkyl, halo, -OR6, -CF3, and -CN; each R6 and R7 = H and C1-C6 alkyl; n is 0-5; and t is 0-5; provisos are given in the claims.

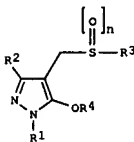
Although the methods of preparation are not claimed, preps. and/or characterization data for >200 examples of I and intermediates are included. For example, II was prepared in 11 steps in which the last step comprised reductive

L6 ANSWER 6 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:1200395 CAPLUS
 DOCUMENT NUMBER: 143:460143
 TITLE: Process for the preparation of 5-difluoromethoxy-4-thiomethylpyrazoles via fluoroalkylation
 Uchida, Yukio
 INVENTOR(S): Ihara Chemical Industry Co., Ltd., Japan
 PATENT ASSIGNER(S): PCT Int. Appl., 27 pp.
 SOURCE: CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005105755	A1	20051110	WO 2005-JP7847	20050425
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			JP 2004-132764	A 20040428

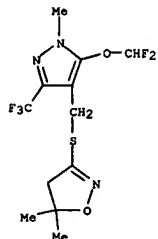
OTHER SOURCE(S): MARPAT 143:460143
 GI



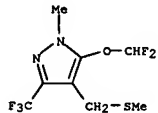
AB A process for the preparation of compound I [R1 = alkyl, (un)substituted aromatic hydrocarbon, (un)substituted heterocycle; R2 = electron withdrawing group;
 R3 = alkyl, (un)substituted aromatic hydrocarbon, (un)substituted heterocycle; R4 = CHF2; n = 0, 2], characterized by reaction of compds. I [R1, R2, R3, n = same as above; R4 = H] with F2CHX [X = halo] in the presence of sodium hydroxide in dialkyl ketone or alkyl nitrile, was provided. For example, a solution of 3-[(5-hydroxy-1-phenyl-3-trifluoromethylpyrazol-4-yl)methylthio]-4,5-dihydro-5,5-dimethylisoxazole (33.2 g) and NaOH (12.0 g) in acetonitrile (100 mL) was stirred at room temperature for 1 h. To the resulting mixture was added chlorodifluoromethane

10/521,593

L6 ANSWER 6 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 (17.3 g) over a period of 4 h, while maintaining the reaction temp.
 between 5-15 °C. The reaction was stirred for 5 h, followed by
 work-up and silica-gel purifn. to afford
 3-[[5-(difluoromethoxy)-1-methyl-3-
 trifluoromethylpyrazol-4-yl]methylthio]-4,5-dihydro-5,5-dimethylisoxazole
 (22.6 g).
 IT 656825-92-2P 869002-98-2P 869002-99-3P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of 5-difluoromethoxy-4-thiomethylpyrazoles via
 fluoroalkylation)
 RN 656825-92-2 CAPLUS
 CN isoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-
 pyrazol-4-yl]methyl]thio]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX
 NAME)

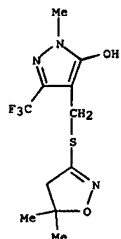


RN 869002-98-2 CAPLUS
 CN 1H-Pyrazole, 5-(difluoromethoxy)-1-methyl-4-[(methylthio)methyl]-3-
 (trifluoromethyl)- (9CI) (CA INDEX NAME)

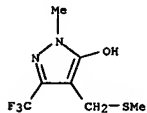


RN 869002-99-3 CAPLUS
 CN 1H-Pyrazole, 5-(difluoromethoxy)-1-methyl-4-[[[(4-
 methylphenyl)sulfonyl]methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

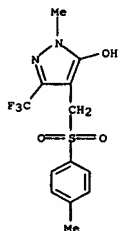
L6 ANSWER 6 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 866496-13-1 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-4-[(methylthio)methyl]-3-(trifluoromethyl)-
 (9CI) (CA INDEX NAME)

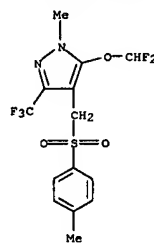


RN 866496-15-3 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-4-[[[(4-methylphenyl)sulfonyl]methyl]-3-
 (trifluoromethyl)- (9CI) (CA INDEX NAME)

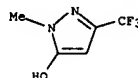


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L6 ANSWER 6 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 122431-37-2, 5-Hydroxy-1-methyl-3-(trifluoromethyl)pyrazole
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (thiomethylation of pyrazole compds. using formaldehyde)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



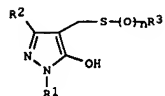
IT 447402-29-1P 866496-13-1P 866496-15-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (thiomethylation of pyrazole compds. using formaldehyde)
 RN 447402-29-1 CAPLUS
 CN 1H-Pyrazol-5-ol,
 4-[[[(4,5-dihydro-5,5-dimethyl-3-isoxazolyl)thio]methyl]-1-
 methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 6 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS
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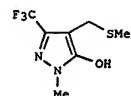
L6 ANSWER 7 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005:1103753 CAPLUS
 DOCUMENT NUMBER: 143:387027
 TITLE: Process for preparation of 5-hydroxy-4-thiomethylpyrazole derivatives
 Uchida, Yukio
 INVENTOR(S): Ihara Chemical Industry Co., Ltd., Japan
 PATENT ASSIGNEE(S): FCT Int. Appl., 50 pp.
 SOURCE: Patent
 CODEN: PIXXD2
 DOCUMENT TYPE: Japanese
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005095352	A1	20051013	WO 2005-JP6806	20050331
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DS, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
JP 2005289824	A	20051020	JP 2004-102963	20040331
AU 2005228017	A1	20051013	AU 2005-228017	20050331
CA 2560936	A1	20051013	CA 2005-2560936	20050331
EP 1767528	A1	20070328	EP 2005-728918	20050331
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, HR			
PRIORITY APPLN. INFO.:			JP 2004-102963	A 20040331
			WO 2005-JP6806	W 20050331

OTHER SOURCE(S): MARPAT 143:387027
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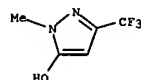
I



II

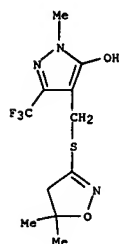
AB This invention pertains to a method for producing pyrazole derivs. I [wherein R1 = H, alkyl, (un)substituted hydrocarbyl, or heterocyclyl; R2 = electron withdrawing group; R3 = alkyl, (un)substituted]

L6 ANSWER 7 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 hydrocarbyl, or heterocyclyl; n = 0 or 2]. For example, 5-hydroxy-1-methyl-3-(trifluoromethyl)pyrazole (prepn. given) was reacted with 35% formalin in H2O in the presence of NaOH, followed by the addn. of NaSMe to give II (72.7%). This process enables the 5-hydroxy-4-thiomethylpyrazole compds. to be easily produced in high yield under mild conditions through a single step without the necessity of using any special app., expensive catalyst, transition metal, etc. It is friendly to the environment because it generates substantially no harmful wastes derived from a catalyst, etc.
 IT 122431-37-2P
 RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (intermediate; preparation of 5-hydroxy-4-thiomethylpyrazole derivs.)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

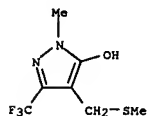


IT 447402-29-1P 866496-13-1P 866496-14-2P
 866496-15-3P
 RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
 (preparation of 5-hydroxy-4-thiomethylpyrazole derivs.)
 RN 447402-29-1 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-[[[4,5-dihydro-5,5-dimethyl-3-isoxazolyl]thio]methyl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

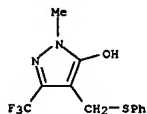
L6 ANSWER 7 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 866496-13-1 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-4-[(methylthio)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

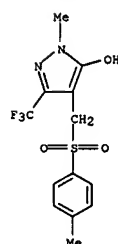


RN 866496-14-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-4-[(phenylthio)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 866496-15-3 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-4-[[[4-methylphenyl]sulfonyl]methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 7 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

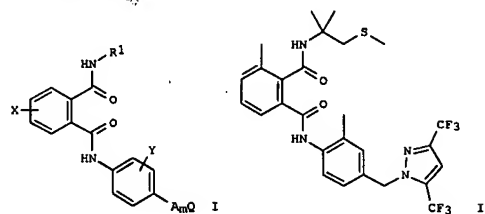
FORMAT

L6 ANSWER 8 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005:1103752 CAPLUS
 DOCUMENT NUMBER: 143:387026
 TITLE: Preparation of pyrazolymethylmethylphenyl phthalamides and related compounds as insecticides
 Wada, Katsuki; Gomibuchi, Takuya; Yoneta, Yasushi; Otsu, Yuichi; Shibuya, Katsuhiko; Nakakura, Norihiko;
 INVENTOR(S): Fischer, Ruediger
 PATENT ASSIGNEE(S): Bayer CropScience A.-G., Germany
 SOURCE: PCT Int. Appl., 102 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005095351	A1	20051013	WO 2005-EP2130	20050301
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,			
ZW:	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
JP 2006076990	A	20060323	JP 2004-367994	20041220
AU 2005229339	A1	20051013	AU 2005-229339	20050301
EP 1727804	A1	20061206	EP 2005-731064	20050301
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR			
CN 1930129	A	20070314	CN 2005-8008009	20050301
PRIORITY APPL. INFO.:			JP 2004-70976	A 20040312
			JP 2004-235553	A 20040812
			JP 2004-367994	A 20041220
			WO 2005-EP2130	W 20050301

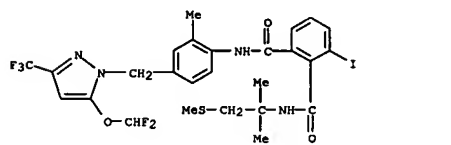
OTHER SOURCE(S): MARPAT 143:387026
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L6 ANSWER 8 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

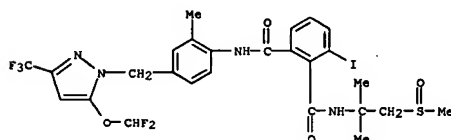


AB Title compds. [I; X = H, halo, NO2, alkylsulfonyloxy, alkylsulfinyl, alkylsulfonyl C1-6alkylsulfonyl; R1 = alkyl, alkylthioalkyl, alkylsulfinylalkyl, alkylsulfonylalkyl; Y = halo, alkyl; m = 0, 1; A = O, S, SO, SO2, CH2, CHMe; Q = (substituted) 5-6 membered heterocyclyl that contains 21 of N, O, S], were prepared. Thus, 3-(1,1-dimethyl-2-methylsulfonyl-ethylimino)-4-iodo-3H-isobenzofuran-1-one, 1-(3-methyl-4-aminobenzyl)-3,5-bis(trifluoromethyl)-1H-pyrazole (preparation given), and p-TsOH were stirred in MeCN at 60° for 3 h to give title compound (II). II and numerous addnl. I at 20 ppm gave 100% kill of *Cnaphalocrocis medinalis* Guenee on paddy rice.
 IT 866636-29-5P 866636-30-8P 866636-82-0P
 866636-83-1P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);
 USES (Uses) (Preparation of pyrazolymethylmethylphenyl phthalamides and related compds. as insecticides)
 RN 866636-29-5 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[4-[[5-(difluoromethoxy)-3-(trifluoromethyl)-1H-pyrazol-1-yl]methyl]-2-methylphenyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

L6 ANSWER 8 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

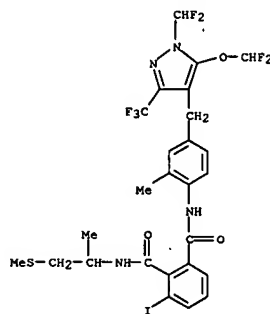


RN 866636-30-8 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[4-[[5-(difluoromethoxy)-3-(trifluoromethyl)-1H-pyrazol-1-yl]methyl]-2-methylphenyl]-N2-[1,1-dimethyl-2-(methylsulfinylethyl)-3-iodo- (9CI) (CA INDEX NAME)

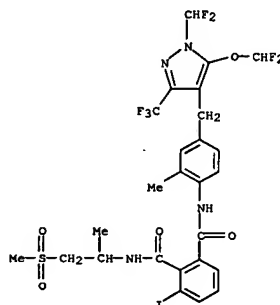


RN 866636-82-0 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[4-[[5-(difluoromethoxy)-3-(trifluoromethyl)-1H-pyrazol-1-yl]methyl]-2-methylphenyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

L6 ANSWER 8 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



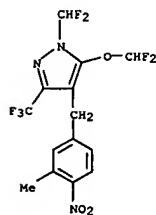
RN 866636-83-1 CAPLUS
 CN 1,2-Benzenedicarboxamide, N1-[4-[[5-(difluoromethoxy)-3-(trifluoromethyl)-1H-pyrazol-1-yl]methyl]-2-methylphenyl]-N2-[1,1-dimethyl-2-(methylsulfinylethyl)-3-iodo- (9CI) (CA INDEX NAME)



IT 866638-87-1P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

L6 ANSWER 8 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
(prepn. of pyrazolylmethylmethylphenyl phthalamides and related
compds. as insecticides)

RN 866638-87-1 CAPLUS
CN 1H-Pyrazole, 5-(difluoromethoxy)-1-(difluoromethyl)-4-[(3-methyl-4-nitrophenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

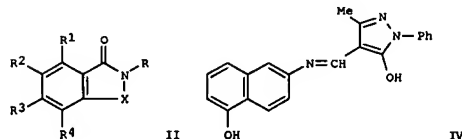
FORMAT

L6 ANSWER 9 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:1103563 CAPLUS
DOCUMENT NUMBER: 143:387025
TITLE: Preparation of aromatic or heterocycle imine and
amide

INVENTOR(S): derivatives as prostaglandin D2 (PGD2) production
inhibitors
Tanaka, Rika; Kitagawa, Hirohisa; Sasaki, Masao;
Muto,
Susumu; Itai, Akiko; Tokuyama, Ryukou
PATENT ASSIGNEE(S): Institute of Medicinal Molecular Design, Inc., Japan
SOURCE: PCT Int. Appl., 232 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005094805	A1	20051013	WO 2005-JP6464	20050401
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			JP 2004-108702	A 20040401
OTHER SOURCE(S):			MARPAT 143:387025	
GI				



AB There is provided a medicine having prostaglandin D2 (PGD2) production
inhibitory activity and having as an active ingredient a substance

L6 ANSWER 9 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
selected from compds. represented by the general formula A-Y-B (I)
(herein

A and B each independently represents an optionally substituted, cyclic
hydrocarbon or heterocyclic group; Y represents -CH=N-, -N=CH-, -CONH-,
or -NHCO-, provided that the compds. represented by the following formula
(II) [wherein X represents the formula -N=C(R5)- (wherein the left-side
bond is bonded to the benzene ring and the right-side bond is bonded to
the nitrogen atom) or the formula -NHCH(R5)- (wherein the left-side bond
is bonded to the benzene ring and the right-side bond is bonded to the
nitrogen atom); R1, R2, R3, and R4 each independently represents

hydrogen,
halogeno, or optionally substituted C1-6 alkyl or hydroxy; R5 represents
an optionally substituted C1-6 alkyl or C6-10 aryl group; R represents
optionally substituted amino) are excluded] salts, hydrates, and solvates
thereof. These drugs contg. the compds. I possess antiallergic,
antiallergic-inflammatory, antiasthmatic, cerebral protective, sexual
cycle-regulating, sleep-regulating, body temp.-regulating, analgesic,
olfaction-regulating activities and activities for preventing the
worsening of brain injuries or for improving brain after brain injuries.
They also possess the inhibitory activity against the prodn. of
hematopoietic prostaglandin D2. Thus, a soln. of 2.90 g
3-methyl-1-phenyl-4,5-dihydropyrazol-5-one in 4 mL DMF was treated with
1.85 mL POCl3 under ice-cooling, stirred at 80° for 1 h, and cooled
to room temp., and the reaction mixt. was poured into ice water, stirred
at room temp. overnight, filtered t give, after washing the product with
water, drying, and washing with iso-Pr ether, 50%

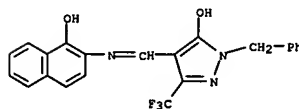
3-methyl-3-oxo-1-phenyl-
4,5-dihydropyrazole-4-carboxaldehyde (III). A mixt. of the compd. III
(222 mg), 159 mg 5-amino-1-naphthol, and 5 mL ethanol was refluxed for 30
min, cooled to room temp., and filtered to give, after washing with
ethanol, 88% 5-hydroxy-1-phenyl-3-methyl-4-[(1-hydroxy-6-
naphthyl)imino]methylpyrazole (IV). The compd. IV at 10 µM
inhibited >99% the prodn. of PGD2 in rat basophil leukemia cells RBL-2H3
expressing hematopoietic PGD2 synthetase.

IT 866470-27-1P 866470-30-6P 866470-75-9P
866470-78-2P 866470-79-3P 866470-80-6P
866470-81-7P 866470-83-9P 866470-84-0P
866470-88-4P 866470-90-8P 866470-94-2P
866470-96-4P 866470-98-6P 866471-21-8P
866471-22-9P 866471-24-1P 866471-29-6P
866471-31-0P 866471-32-1P 866471-46-7P
866471-49-0P 866471-56-9P 866471-67-2P
866471-70-7P 866471-76-3P 866471-82-1P
866472-15-3P 866472-20-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
RL: PAC (Pharmacological activity); PREP (Preparation); USES
(Uses)

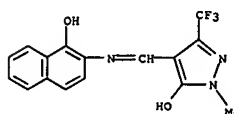
(Preparation of aromatic or heterocycle imine and amide derivs. as
prostaglandin D2 (PGD2) production inhibitors for drugs)

RN 866470-27-1 CAPLUS
CN 1H-Pyrazol-5-ol, 4-[(1-hydroxy-2-naphthalenyl)imino]methyl]-1-methyl-3-
(phenylmethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

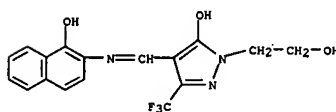
L6 ANSWER 9 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



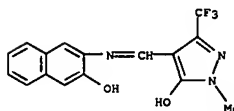
RN 866470-30-6 CAPLUS
CN 1H-Pyrazol-5-ol, 4-[(1-hydroxy-2-naphthalenyl)imino]methyl]-1-methyl-3-
(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 866470-75-9 CAPLUS
CN 1H-Pyrazole-1-ethanol, 5-hydroxy-4-[(1-hydroxy-2-
naphthalenyl)imino]methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

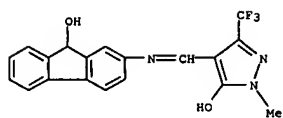


RN 866470-78-2 CAPLUS
CN 1H-Pyrazol-5-ol, 4-[(1-hydroxy-2-naphthalenyl)imino]methyl]-1-methyl-3-
(trifluoromethyl)- (9CI) (CA INDEX NAME)

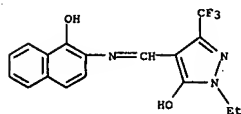


RN 866470-79-3 CAPLUS
CN 1H-Pyrazol-5-ol, 4-[(1-hydroxy-2-naphthalenyl)imino]methyl]-1-methyl-3-
(trifluoromethyl)- (9CI) (CA INDEX NAME)

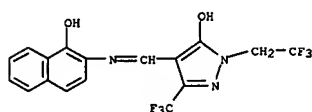
L6 ANSWER 9 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 866470-80-6 CAPLUS
CN 1H-Pyrazol-5-ol, 1-ethyl-4-[[[(1-hydroxy-2-naphthalenyl)imino]methyl]-3-(trifluoromethyl)]- (9CI) (CA INDEX NAME)



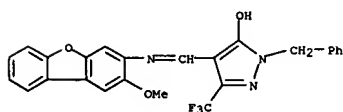
RN 866470-81-7 CAPLUS
CN 1H-Pyrazol-5-ol, 4-[[[(1-hydroxy-2-naphthalenyl)imino]methyl]-1-(2,2,2-trifluoroethyl)-3-(trifluoromethyl)]- (9CI) (CA INDEX NAME)



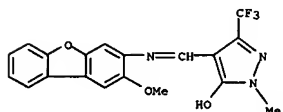
RN 866470-83-9 CAPLUS
CN 1H-Pyrazol-5-ol, 4-[[[(3-bromo-9-hydroxy-9H-fluoren-2-yl)imino]methyl]-1-(phenylmethyl)-3-(trifluoromethyl)]- (9CI) (CA INDEX NAME)

L6 ANSWER 9 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

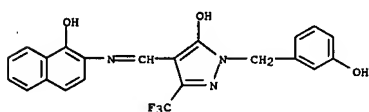
RN 866470-94-2 CAPLUS
CN 1H-Pyrazol-5-ol, 4-[[[(2-methoxy-3-dibenzofuranyl)imino]methyl]-1-(phenylmethyl)-3-(trifluoromethyl)]- (9CI) (CA INDEX NAME)



RN 866470-96-4 CAPLUS
CN 1H-Pyrazol-5-ol, 4-[[[(2-methoxy-3-dibenzofuranyl)imino]methyl]-1-methyl-3-(trifluoromethyl)]- (9CI) (CA INDEX NAME)

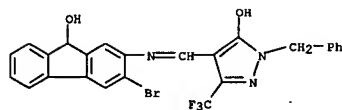


RN 866470-98-6 CAPLUS
CN 1H-Pyrazol-5-ol, 4-[[[(1-hydroxy-2-naphthalenyl)imino]methyl]-1-[(3-hydroxyphenyl)methyl]-3-(trifluoromethyl)]- (9CI) (CA INDEX NAME)

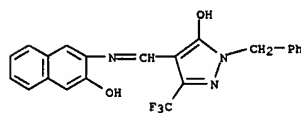


RN 866471-21-8 CAPLUS
CN 4-Quinolinol, 3-[[[(5-hydroxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl)methylene]amino]-2-(trifluoromethyl)]- (9CI) (CA INDEX NAME)

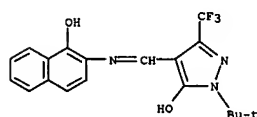
L6 ANSWER 9 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



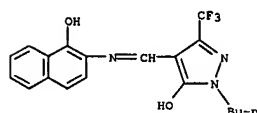
RN 866470-84-0 CAPLUS
CN 1H-Pyrazol-5-ol, 4-[[[(3-hydroxy-2-naphthalenyl)imino]methyl]-1-(phenylmethyl)-3-(trifluoromethyl)]- (9CI) (CA INDEX NAME)



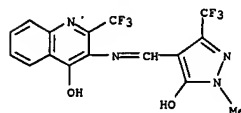
RN 866470-88-4 CAPLUS
CN 1H-Pyrazol-5-ol, 1-(1,1-dimethylethyl)-4-[[[(1-hydroxy-2-naphthalenyl)imino]methyl]-3-(trifluoromethyl)]- (9CI) (CA INDEX NAME)



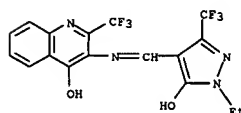
RN 866470-90-8 CAPLUS
CN 1H-Pyrazol-5-ol, 1-butyl-4-[[[(1-hydroxy-2-naphthalenyl)imino]methyl]-3-(trifluoromethyl)]- (9CI) (CA INDEX NAME)



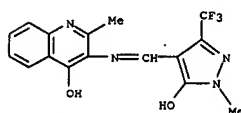
L6 ANSWER 9 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



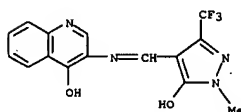
RN 866471-22-9 CAPLUS
CN 4-Quinolinol, 3-[[[(1-ethyl-5-hydroxy-3-(trifluoromethyl)-1H-pyrazol-4-yl)methylene]amino]-2-(trifluoromethyl)]- (9CI) (CA INDEX NAME)



RN 866471-24-1 CAPLUS
CN 4-Quinolinol, 3-[[[(5-hydroxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl)methylene]amino]-2-methyl]- (9CI) (CA INDEX NAME)

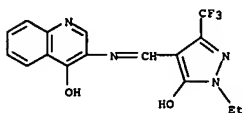


RN 866471-29-6 CAPLUS
CN 4-Quinolinol, 3-[[[(5-hydroxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl)methylene]amino]-2-methyl]- (9CI) (CA INDEX NAME)

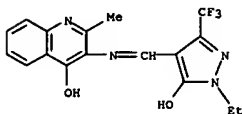


RN 866471-31-0 CAPLUS
CN 4-Quinolinol, 3-[[[(1-ethyl-5-hydroxy-3-(trifluoromethyl)-1H-pyrazol-4-yl)methylene]amino]-2-methyl]- (9CI) (CA INDEX NAME)

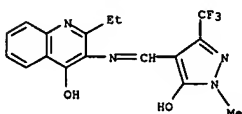
L6 ANSWER 9 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 866471-32-1 CAPLUS
 CN 4-Quinolinol, 3-[[[1-ethyl-5-hydroxy-3-(trifluoromethyl)-1H-pyrazol-4-yl]methylene]amino]-2-methyl- (9CI) (CA INDEX NAME)

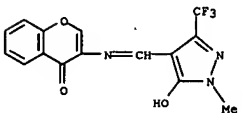


RN 866471-46-7 CAPLUS
 CN 4-Quinolinol, 2-ethyl-3-[[[5-hydroxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methylene]amino]- (9CI) (CA INDEX NAME)

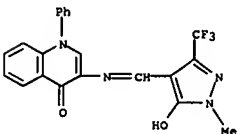


RN 866471-49-0 CAPLUS
 CN 4-Quinolinol, 3-[[[5-hydroxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methylene]amino]-2-(pentafluoroethyl)- (9CI) (CA INDEX NAME)

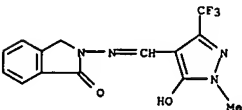
L6 ANSWER 9 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 866471-76-3 CAPLUS
 CN 4(1H)-Quinolinone, 3-[[[5-hydroxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methylene]amino]-1-phenyl- (9CI) (CA INDEX NAME)

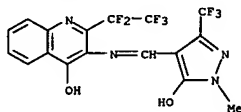


RN 866471-82-1 CAPLUS
 CN 1H-Isoindol-1-one, 2,3-dihydro-2-[[[5-hydroxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methylene]amino]- (9CI) (CA INDEX NAME)

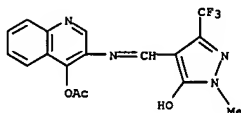


RN 866472-15-3 CAPLUS
 CN 1(2H)-Isoquinolinone, 3,4-dihydro-2-[[[5-hydroxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methylene]amino]- (9CI) (CA INDEX NAME)

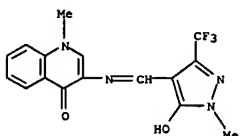
L6 ANSWER 9 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 866471-56-9 CAPLUS
 CN 4-Quinolinol, 3-[[[5-hydroxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methylene]amino]-, 4-acetate (9CI) (CA INDEX NAME)

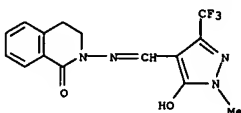


RN 866471-67-2 CAPLUS
 CN 4(1H)-Quinolinone, 3-[[[5-hydroxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methylene]amino]-1-methyl- (9CI) (CA INDEX NAME)

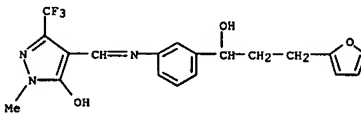


RN 866471-70-7 CAPLUS
 CN 4H-1-Benzopyran-4-one, 3-[[[5-hydroxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methylene]amino]- (9CI) (CA INDEX NAME)

L6 ANSWER 9 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 866472-20-0 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-[[[3-[3-(2-furanyl)-1-hydroxypropyl]phenyl]imino]methyl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 10 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:823669 CAPLUS

DOCUMENT NUMBER: 143:229843

TITLE: Preparation of phenoxypyrazoles for controlling noxious arthropod pests
 INVENTOR(S): Takyo, Hayato; Hashizume, Masaya; Sakamoto, Noriyasu
 PATENT ASSIGNEE(S): Sumitomo Chemical Company, Limited, Japan
 SOURCE: PCT Int. Appl., 191 pp.
 CODEN: PIXXKD

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

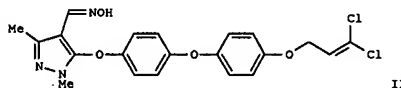
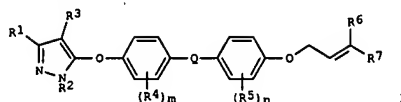
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005075433	A1	20050818	WO 2005-JP1309	20050125
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1711471	A1	20061018	EP 2005-704305	20050125
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS			
CN 1914178	A	20070214	CN 2005-80003581	20050125
JP 2006117627	A	20060511	JP 2005-24802	20050201
PRIORITY APPLN. INFO.:			JP 2004-29041	A 20040205
			JP 2004-274835	A 20040922
			WO 2005-JP1309	W 20050125

OTHER SOURCE(S): MARPAT 143:229843

GI

L6 ANSWER 10 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



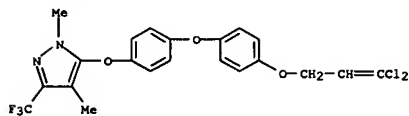
AB Title compds. (I; R1 = H, alkyl, CF3; R2 = alkyl; R3 = H, alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl, hydroxyalkyl, halo, cyano, etc.; R4, R5 = halo, alkyl, alkoxy, haloalkyl, haloalkoxy; m, n = 0-4; R6, R7 = H, halo, Me), were prepared. Thus, 4,4'-dihydroxybiphenyl ether in DMF was treated with NaH under ice cooling followed by addition of 5-chloro-1,3-dimethyl-1H-pyrazole-4-carboxaldehyde in DMF over 10 min. at 70° followed by stirring for 2 h at 70° to give the corresponding hydroxyphenoxypyrazole derivative. This was stirred 1 h with K2CO3 and 1,1,3-trichloropropene at 70° in DMF to give the corresponding propenyloxy ether, which in pyridine was treated with NH2OH.HCl under ice cooling followed by stirring for 30 min. at room temperature to give the oxime derivative. The latter was refluxed 1 h in Ac2O to give title compound (II). Title compds. at 200 ppm sprays gave ≥90% control of Tetranychus urticae on brush beans after 8 days.

IT 862564-32-7P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);

USES (Uses)
 (preparation of phenoxypyrazoles for controlling noxious arthropod pests)

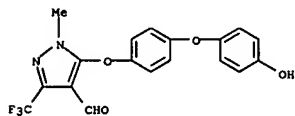
RN 862564-32-7 CAPLUS
 CN 1H-Pyrazole, 5-[4-[4-[(3,3-dichloro-2-propenyl)oxy]phenoxy]phenoxy]-1,4-dimethyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 10 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

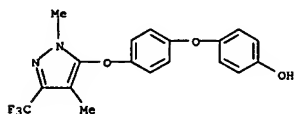


IT 769171-48-4P 862564-50-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of phenoxypyrazoles for controlling noxious arthropod pests)

RN 769171-48-4 CAPLUS
 CN 1H-Pyrazole-4-carboxaldehyde, 5-[4-(4-hydroxyphenoxy)phenoxy]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 862564-50-9 CAPLUS
 CN Phenol, 4-[4-[1,4-dimethyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L6 ANSWER 11 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:696876 CAPLUS

DOCUMENT NUMBER: 143:193910

TITLE: Preparation of herbicidal amides
 INVENTOR(S): Managan, Mary Ann; Selby, Thomas Paul; Sharpe, Paula
 PATENT ASSIGNEE(S): Louise; Sheth, Ritesh S.; Stevenson, Thomas Martin
 E.I. DuPont de Nemours and Company, USA
 SOURCE: PCT Int. Appl., 248 pp.
 CODEN: PIXXKD

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

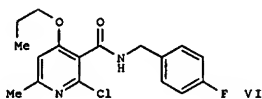
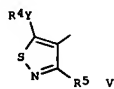
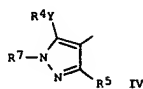
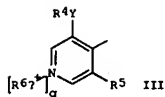
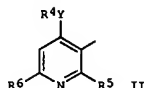
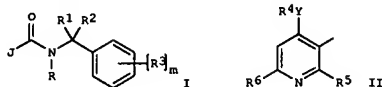
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005070889	A1	20050804	WO 2005-US2147	20050121
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2004-539073P	P 20040123
			US 2004-607277P	P 20040903

OTHER SOURCE(S): MARPAT 143:193910

GI

L6 ANSWER 11 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



AB The title compds. I (J = II, III, IV, V; Y = O, S, N, NR; R = H, alkoxymethyl, alkylcarbonyl, alkoxycarbonyl; R1 = H, alkyl; R2 = H, alkyl, haloalkyl, etc.; R3 = halo, CN, NO2, etc.; two adjacent R3 are taken together as OCH2O, O(CHMe)O, O(CMe2)O, etc.; R4 = alkyl, cycloalkyl, alkylcycloalkyl, etc.; R5 = H, halo, alkyl, etc.; R6 = H, halo, CN, etc.; R6a = alkyl, haloalkyl, alkenyl, etc.; R7 = H, alkyl, haloalkyl, etc.; R8 = H, alkyl, alkylcarbonyl, etc.; n = 0-1; m = 0-5; q = 0-1) which are useful for controlling undesired vegetation (biol. data given), were prepared E.g., a 2-step synthesis of VI, starting from 2,4-dichloro-6-methyl-3-pyridinecarboxylic acid and 1-propanol, was given. Also disclosed are compds. comprising the compds. I and a method for controlling undesired vegetation which involves contacting the vegetation or its environment with an effective amount of a compound I. Also disclosed are compds. comprising a compound I and at least one addnl. active ingredient selected from the group consisting of an other herbicide and a herbicide safener.

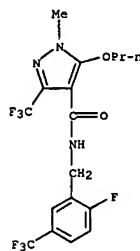
IT 861894-69-1P 861894-70-4P 861894-71-5P
861894-72-6P 861894-73-7P 861894-74-8P
861894-75-9P 861894-76-0P 861894-77-1P
861894-78-2P 861894-79-3P 861894-80-6P
861894-81-7P 861894-82-2P 861894-83-3P
861894-84-4P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);

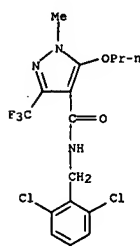
USES

L6 ANSWER 11 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

(Uses)
(prepn. of herbicidal amides)
RN 861894-69-1 CAPLUS
CN 1H-Pyrazole-4-carboxamide,
N-[(2-fluoro-5-(trifluoromethyl)phenyl)methyl]-
1-methyl-5-propoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

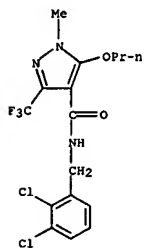


RN 861894-70-4 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[(2,6-dichlorophenyl)methyl]-1-methyl-5-propoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

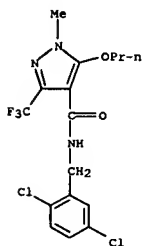


RN 861894-71-5 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[(2,3-dichlorophenyl)methyl]-1-methyl-5-propoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 11 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

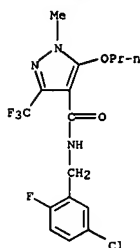


RN 861894-72-6 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[(2,5-dichlorophenyl)methyl]-1-methyl-5-propoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

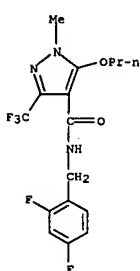


RN 861894-73-7 CAPLUS
CN 1H-Pyrazole-4-carboxamide,
N-[(5-chloro-2-fluorophenyl)methyl]-1-methyl-5-propoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 11 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



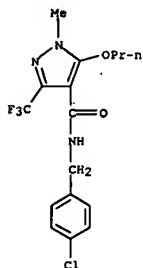
RN 861894-74-8 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[(2,4-difluorophenyl)methyl]-1-methyl-5-propoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



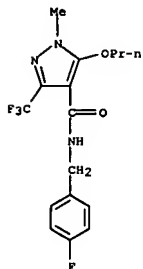
RN 861894-75-9 CAPLUS
CN 1H-Pyrazole-4-carboxamide,
N-[(4-chlorophenyl)methyl]-1-methyl-5-propoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

10/521,593

L6 ANSWER 11 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

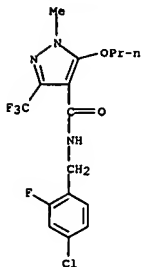


RN 861894-76-0 CAPLUS
CN 1H-Pyrazole-4-carboxamide,
N-[(4-fluorophenyl)methyl]-1-methyl-5-propoxy-3-
(trifluoromethyl)- (9CI) (CA INDEX NAME)

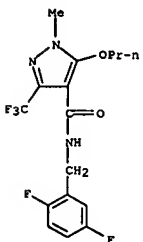


RN 861894-77-1 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[(2,3-difluorophenyl)methyl]-1-methyl-5-
propoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 11 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

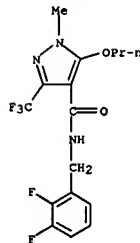


RN 861894-80-6 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[(2,5-difluorophenyl)methyl]-1-methyl-5-
propoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

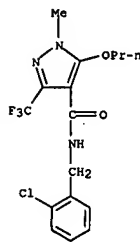


RN 861894-81-7 CAPLUS
CN 1H-Pyrazole-4-carboxamide,
N-[(3-chlorophenyl)methyl]-1-methyl-5-propoxy-3-
(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 11 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

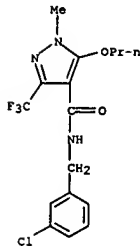


RN 861894-78-2 CAPLUS
CN 1H-Pyrazole-4-carboxamide,
N-[(2-chlorophenyl)methyl]-1-methyl-5-propoxy-3-
(trifluoromethyl)- (9CI) (CA INDEX NAME)



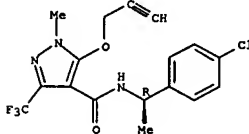
RN 861894-79-3 CAPLUS
CN 1H-Pyrazole-4-carboxamide,
N-[(4-chloro-2-fluorophenyl)methyl]-1-methyl-5-
propoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 11 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



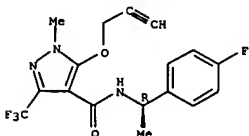
RN 861894-86-2 CAPLUS
CN 1H-Pyrazole-4-carboxamide,
N-[(1R)-1-(4-chlorophenyl)ethyl]-1-methyl-5-(2-
propynyloxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 861894-87-3 CAPLUS
CN 1H-Pyrazole-4-carboxamide,
N-[(1R)-1-(4-fluorophenyl)ethyl]-1-methyl-5-(2-
propynyloxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

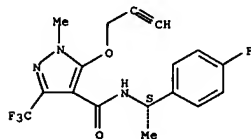


RN 861894-88-4 CAPLUS

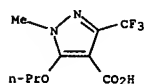
10/521,593

L6 ANSWER 11 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 CN 1H-Pyrazole-4-carboxamide,
 N-[(1S)-1-(4-fluorophenyl)ethyl]-1-methyl-5-(2-
 propynyloxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

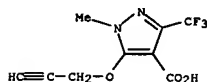
Absolute stereochemistry.



IT 861895-69-4P, 1-Methyl-5-propoxy-3-(trifluoromethyl)-1H-
 pyrazole-4-carboxylic acid 861895-70-7P,
 1-Methyl-5-(2-propynyloxy)-3-(trifluoromethyl)-1H-pyrazole
 -4-carboxylic acid
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of herbicidal amides)
 RN 861895-69-4 CAPLUS
 CN 1H-Pyrazole-4-carboxylic acid, 1-methyl-5-propoxy-3-(trifluoromethyl)-
 (9CI) (CA INDEX NAME)



RN 861895-70-7 CAPLUS
 CN 1H-Pyrazole-4-carboxylic acid, 1-methyl-5-(2-propynyloxy)-3-
 (trifluoromethyl)- (9CI) (CA INDEX NAME)

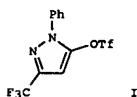


REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS
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 FORMAT

L6 ANSWER 12 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:316491 CAPLUS
 DOCUMENT NUMBER: 143:7646
 TITLE: Palladium-catalyzed coupling of pyrazole
 triflates with arylboronic acids
 AUTHOR(S): Dvorak, Curt A.; Rudolph, Dale A.; Ma, Sandy;
 Carruthers, Nicholas I.
 CORPORATE SOURCE: Johnson & Johnson Pharmaceutical Research
 Development,
 L.L.C., San Diego, CA, 92121, USA
 SOURCE: Journal of Organic Chemistry (2005), 70(10),
 4188-4190
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 143:7646
 GI

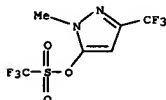
L6 ANSWER 12 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



AB A general protocol for the palladium-mediated Suzuki coupling reaction of
 pyrazole triflates, e.g., I, and arylboronic acids has been
 developed. The use of addnl. dppe ligand was determined to increase
 product

yields allowing for the use of a broad range of reaction substrates.
 IT 548466-05-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of arylpyrazoles via trifluoromethanesulfonylation of
 pyrazolones followed by palladium-catalyzed coupling with arylboronic
 acids)

RN 548466-05-3 CAPLUS
 CN Methanesulfonic acid, trifluoro-
 1-methyl-3-(trifluoromethyl)-1H-pyrazol-
 5-yl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR
 THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE

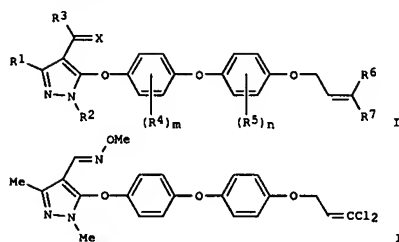
SAEED

L6 ANSWER 13 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:817868 CAPLUS
 DOCUMENT NUMBER: 141:314322
 TITLE: Preparation of pyrazole derivatives as pesticides
 INVENTOR(S): Hashizume, Masaya; Sakamoto, Noriyasu; Takyo, Hayato
 PATENT ASSIGNEE(S): Sumitomo Chemical Company, Limited, Japan
 SOURCE: PCT Int. Appl., 112 pp.
 CODEN: FIXXDZ
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

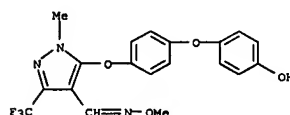
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004085405	A1	20041007	WO 2004-JP1071	20040203
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DS, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,			
TG				
AU 2004224033	A1	20041007	AU 2004-224033	20040203
EP 1607390	A1	20051221	EP 2004-707666	20040203
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
BR 2004008755	A	20060328	BR 2004-8755	20040203
CN 1761634	A	20060419	CN 2004-80007681	20040203
JP 2004307471	A	20041104	JP 2004-30659	20040206
US 2006142367	A1	20060629	US 2005-545066	20050809
PRIORITY APPLN. INFO.:			JP 2003-82385	A 20030325
			WO 2004-JP1071	A 20040203

OTHER SOURCE(S): MARPAT 141:314322
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L6 ANSWER 13 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

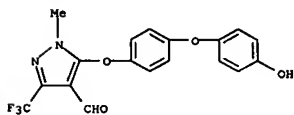


AB The title compds. I [wherein R1 = alkyl or CF3; R2 = alkyl; R3 = H or alkyl; R4 and R5 = independently halo, alkyl, alkoxy, haloalkyl, or haloalkoxy; m = 0-4; n = 0-4; R6 and R7 = independently H, halo, or Me; X = O or (un)substituted N=OH] are prepared as pesticides for controlling harmful arthropods. For example, the compound II was prepared in a multi-step synthesis. Most of compds. I killed >90% twospotted spider mites on bean seedlings in 8 days at the concentration of 500 ppm.
 IT 769171-45-1P 769171-48-4P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 RN 769171-45-1 CAPLUS
 CN 1H-Pyrazole-4-carboxaldehyde, 5-[4-(4-hydroxyphenoxy)phenoxy]-1-methyl-3-(trifluoromethyl)-, O-methyloxime (9CI) (CA INDEX NAME)

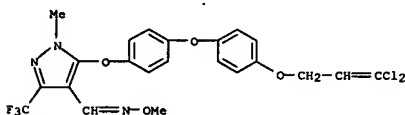


RN 769171-48-4 CAPLUS
 CN 1H-Pyrazole-4-carboxaldehyde, 5-[4-(4-hydroxyphenoxy)phenoxy]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 13 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



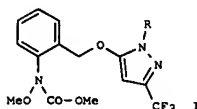
IT 769171-18-8P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);
 USES
 (Uses)
 (pesticide; preparation of pyrazole derivs. as pesticides)
 RN 769171-18-8 CAPLUS
 CN 1H-Pyrazole-4-carboxaldehyde, 5-[4-[(3,3-dichloro-2-propenyl)oxy]phenoxy]phenoxy]-1-methyl-3-(trifluoromethyl)-, O-methyloxime (9CI) (CA INDEX NAME)



REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
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L6 ANSWER 14 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

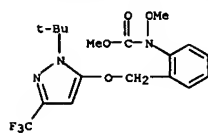
ACCESSION NUMBER: 2004:743975 CAPLUS
 DOCUMENT NUMBER: 143:59882
 TITLE: Synthesis and fungicidal activity of methyl N-methoxy-N-[2-(3-trifluoromethyl-1-substituted pyrazole-5-yloxymethylene)] phenylcarbamates
 AUTHOR(S): Liu, Weidong; Li, Jiangsheng; Li, Zhongying; Wang, Xiaoguang; Gao, Bida
 CORPORATE SOURCE: Hunan Research Institute of Chemical Industry, Changsha, Hunan Province, 410007, Peop. Rep. China
 SOURCE: Nongyaoxue Xuebao (2004), 6(1), 17-21
 CODEN: NXOUPB; ISSN: 1008-7303
 PUBLISHER: Nongyaoxue Xuebao Bianjibu
 DOCUMENT TYPE: Journal
 LANGUAGE: Chinese
 OTHER SOURCE(S): CASREACT 143:59882
 GI



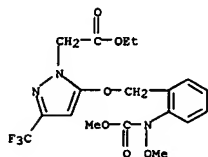
AB A series of novel Me N-methoxy-N-[2-(3-trifluoromethyl-1-substituted pyrazole-5-yloxymethylene)] phenylcarbamates I (R = Ph, 4-ClPh, 4-FPh, 2-MePh, 2,4-diMePh, 2,4-diClPh, 2-F-4-BrPh, 3,5-DiClPh, 3,4-diClPh, 2,4,5-triClPh, t-Bu, CH2CO2Et, Bn) were synthesized from 3-trifluoromethyl-1-substituted pyrazole-5-one and Me N-methoxy-N-(2-bromomethylphenyl) carbamates. All compds. were confirmed by 1H NMR, IR and LC/MS. The preliminary bioassays showed that some compds. had fungicidal activities to Pyricularia oryzae, Botrytis cinerea, and Erysiphe graminis under 50 mg/L, for example, the inhibitory ratio of compound I (R = Bn) to P. oryzae was 94%.
 IT 854677-79-5P 854677-82-0P 854677-86-4P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);
 USES
 (Uses)
 (synthesis and fungicidal activity of pyrazole phenylcarbamate)
 RN 854677-79-5 CAPLUS
 CN Carbamic acid, 2-[[1-[(1,1-dimethylethyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]phenyl]methoxy-, methyl ester (9CI) (CA INDEX NAME)

10/521,593

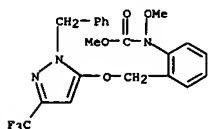
L6 ANSWER 14 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 854677-82-0 CAPLUS
CN 1H-Pyrazole-1-acetic acid,
5-[[2-(methoxy(methoxycarbonyl)amino)phenyl]methoxy]-3-(trifluoromethyl)-, ethyl ester (9CI) (CA INDEX NAME)



RN 854677-86-4 CAPLUS
CN Carbanic acid, methoxy[2-[[[1-(phenylmethyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]phenyl]-, methyl ester (9CI) (CA INDEX NAME)



IT 122431-41-8P 143706-79-OP 854678-50-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(synthesis of pyrazole phenylcarbamate)
RN 122431-41-8 CAPLUS
CN 1H-Pyrazol-5-ol, 1-(1,1-dimethylethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 15 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:718518 CAPLUS

DOCUMENT NUMBER: 141:243549

TITLE: Preparation of pyrazole derivatives as non-nucleoside reverse transcriptase inhibitors for the treatment of HIV disorders and compositions thereof

INVENTOR(S): Dunn, James Patrick; Hogg, Joan Heather; Mirzadegan, Taraneh; Swallow, Steven

PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.

SOURCE: PCT Int. Appl., 50 pp.

DOCUMENT TYPE: CODEN: PIXXD2

LANGUAGE: Patent

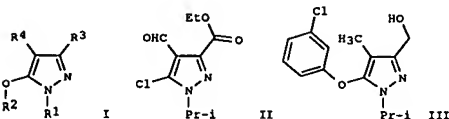
FAMILY ACC. NUM. COUNT: English

PATENT INFORMATION: 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074257	A1	20040902	WO 2004-EPI477	20040217
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, RW, BW, GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004213134	A1	20040902	AU 2004-213134	20040217
CA 2515151	A1	20040902	CA 2004-2515151	20040217
EP 1597235	A1	20051123	EP 2004-711607	20040217
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LV, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2004007591	A	20060214	BR 2004-7591	20040217
CN 1751028	A	20060322	CN 2004-80004406	20040217
JP 2006515339	T	20060525	JP 2006-500034	20040217
US 2004192666	A1	20040930	US 2004-781373	20040218
PRIORITY APPLN. INFO.:			US 2003-447974P	P 20030218
			WO 2004-EPI477	A 20040217

OTHER SOURCE(S): MARPAT 141:243549

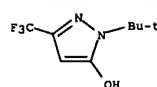
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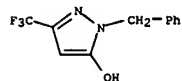
AB This invention relates to novel pyrazole derivs. of formula I

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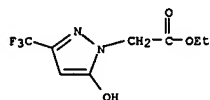
L6 ANSWER 14 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 143706-79-0 CAPLUS
CN 1H-Pyrazol-5-ol, 1-(phenylmethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 854678-50-5 CAPLUS
CN 1H-Pyrazole-1-acetic acid, 5-hydroxy-3-(trifluoromethyl)-, ethyl ester (9CI) (CA INDEX NAME)



L6 ANSWER 15 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

[wherein R1 is (halo)cycloalkoxyalkyl, alk(en/yn)yl, or substituted Ph/benzyl; R2 is (un)substituted Ph or pyridyl; R3 is substituted (alkoxy)cycloalkyl, (un)substituted alkenyl/alkoxy/amino, C(=Y)Z or -X(C=Y)Z, etc.; X and Y independently are O or (un)substituted NH; Z is H,

OH, alkoxy, (un)substituted amino or (alkoxy)alkyl; R4 is (un)substituted alk(en/yn)yl, cycloalkoxyalkyl, pharmaceutically acceptable salts and solvates thereof, methods to inhibit or modulate human immunodeficiency virus (HIV) reverse transcriptase with I, and pharmaceutical compns. of I admixed with at least one solvent, carrier or excipient. The compds. are useful for treating disorders in which HIV and genetically related

viruses are implicated, such as HIV infection, AIDS or ARC. Thus, pyrazole II (prepn. given) was etherified with 3-chlorophenol, followed by selective redn. with NaBH4 to give an alc., which was then converted to its iodide with diphosphorus tetraiodide, and finally reduced with LAH to afford III. The compds. showed activity in the HIV-1 RT assay

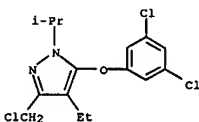
and in an anti-HIV antiviral assay with IC50 of 0.5-10000 nM and 0.5-5000 nM, resp.

IT 750636-39-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of pyrazole derivs. as non-nucleoside reverse transcriptase inhibitors)

RN 750636-39-6 CAPLUS

CN 1H-Pyrazole, 3-(chloromethyl)-5-(3,5-dichlorophenoxy)-4-ethyl-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



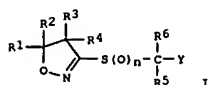
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:142872 CAPLUS
 DOCUMENT NUMBER: 140:199329
 TITLE: Preparation of isoxazole derivatives and herbicide compositions containing them
 INVENTOR(S): Takahashi, Satoru; Ueno, Ryohei; Yamaji, Yoshihiro; Fujinami, Makoto
 PATENT ASSIGNEE(S): Kumiai Chemical Industry Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 79 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2904014138	A1	20040219	WO 2003-JP10073	20030807
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SV, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BU, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003254863	A1	20040225	AU 2003-254863	20030807
BR 2003013241	A	20050809	BR 2003-13241	20030807
US 2005256004	A1	20051117	US 2005-521755	20050119
IN 2005KN00058	A	20060106	IN 2005-KN58	20050119
PRIORITY APPLN. INFO.:			JP 2002-230028	A 20020807
			WO 2003-JP10073	W 20030807

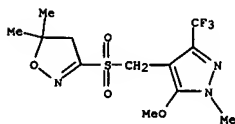
OTHER SOURCE(S): MARPAT 140:199329
 GI



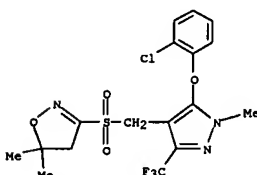
AB Disclosed are herbicide compns. characterized by containing as the active ingredients both isoxazoline derivs. represented by the general formula (I) [R, R2 = H, C1-10 alkyl, C3-8 cycloalkyl, C3-8 cycloalkyl-C1-3 alkyl; or CR1R2 together forms a C3-7 spiro ring; R3, R4 = H, C1-10 alkyl, C3-8 cycloalkyl; or CR3R4 together forms a C3-7 spiro ring; or R1, R2, R3, and R4 together with the carbon atoms to which they are attached form a 5- to

L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 8-membered ring; R5, R6 = H, C1-10 alkyl; Y = an (un)substituted 5- to 6-membered arom. heterocyclic ring or arom. heterocyclic fused ring or its N-oxide] and at least one compd. selected from group A. The group A compds. are atrazine, simazine, cyanazine, isoxaflutole, mesotrione, flumetsulam, imazethapyr, imazapyr, dicamba, clopyralid, prosulfuron, halosulfuron-Me, rimsulfuron, bentazone, carfentrazone-Et, metribuzin, thifensulfuron-Me, nicosulfuron, primisulfuron, cloransulam-Me, glufosinate, glyphosate, sulfosate, pendimethalin, prometon, diflufenican, linuron, flumioxazin, and metolachlor. Thus, a soln. of 6.84 g 5,5-dimethyl-3-ethanesulfonyl-2-isoxazoline in 200 mL DMF was stirred with 5.59 g sodium sulfide hydrate at room temp. for 1 h, treated with 4.94 g anhyd. K2CO3, 5.51 g Rongalite, and 9.46 g 4-bromomethyl-5-chloro-1-methyl-3-trifluoromethyl-1H-pyrazole, and stirred overnight to give 80.3% 3-(5-chloro-1-methyl-3-trifluoromethyl-1H-pyrazol-4-ylmethylthio)-5,5-dimethyl-2-isoxazole (II). A soln. of 8.97 g II in 300 mL CHCl3 was stirred with 16.87 g m-chloroperbenzoic acid at room temp. overnight to give 95.1% 3-(5-chloro-1-methyl-3-trifluoromethyl-1H-pyrazol-4-ylmethylsulfonyl)-5,5-dimethyl-2-isoxazole (III). A combination of III g/ha and cyanazine 500 g/ha controlled 100% Setaria viridis vs. 30-39 and 10-19% for III and cyanazine, resp., when they were used alone.
 IT 447399-27-1P 447399-28-2P 447399-29-3P
 447399-43-1P 447399-45-3P 447399-46-4P
 447399-47-5P 447399-48-6P 447399-49-7P
 447399-50-0P 447399-51-1P 447399-52-2P
 447399-53-3P 447399-54-4P 447399-55-5P
 447399-58-8P 447399-59-9P 447399-60-2P
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 447399-64-6P 447399-65-7P 447399-66-8P
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 447402-17-7P 447402-18-8P 447402-19-9P
 656825-92-2P 656825-94-4P 660845-04-5P
 660845-08-9P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);
 USES (Uses)
 (preparation of isoxazole derivs. as herbicides and synergistic compns. containing them)
 RN 447399-27-1 CAPLUS
 CN Isoxazole, 3-[[[5-(2-chlorophenoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

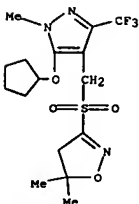
L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 447399-28-2 CAPLUS
 CN Isoxazole, 3-[[[5-(2-chlorophenoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



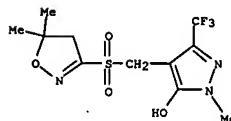
RN 447399-29-3 CAPLUS
 CN Isoxazole, 3-[[[5-(cyclopentyloxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



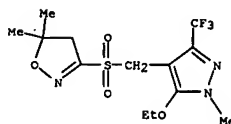
RN 447399-43-1 CAPLUS
 CN 1H-Pyrazol-5-yl, 4-[[[4,5-dihydro-5,5-dimethyl-3-isoxazolyl)sulfonyl]methyl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

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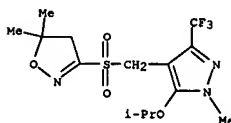
L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 NAME)



RN 447399-45-3 CAPLUS
 CN Isoxazole, 3-[[[5-ethoxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

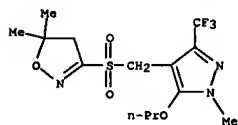


RN 447399-46-4 CAPLUS
 CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[1-methyl-5-(1-methylethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

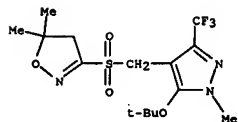


RN 447399-47-5 CAPLUS
 CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[1-methyl-5-propoxy-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

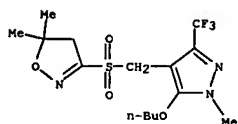
L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 447399-48-6 CAPLUS
CN Isoxazole, 3-[[[5-(1,1-dimethylethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

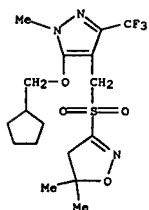


RN 447399-49-7 CAPLUS
CN Isoxazole, 3-[[[5-(t-butoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

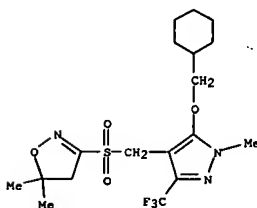


RN 447399-50-0 CAPLUS
CN Isoxazole, 3-[[[5-(cyclohexyloxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

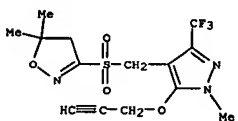
L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 447399-53-3 CAPLUS
CN Isoxazole, 3-[[[5-(cyclohexylmethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



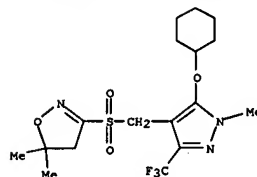
RN 447399-54-4 CAPLUS
CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[1-methyl-5-(2-propynyloxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)



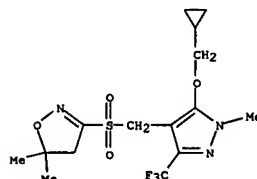
RN 447399-55-5 CAPLUS
CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

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L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

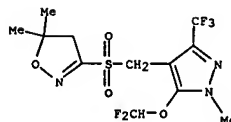


RN 447399-51-1 CAPLUS
CN Isoxazole, 3-[[[5-(cyclopropylmethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

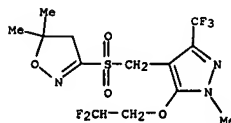


RN 447399-52-2 CAPLUS
CN Isoxazole, 3-[[[5-(cyclopentylmethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

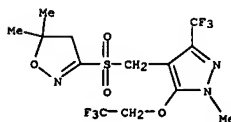
L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



RN 447399-58-8 CAPLUS
CN Isoxazole, 3-[[[5-(2,2-difluoroethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

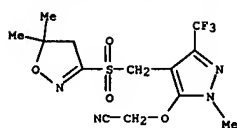


RN 447399-59-9 CAPLUS
CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

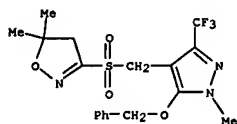


RN 447399-60-2 CAPLUS
CN Acetonitrile, [[4-[[[4,5-dihydro-5,5-dimethyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

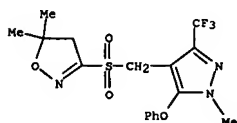
L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 447399-61-3 CAPLUS
CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[1-methyl-5-(phenylmethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

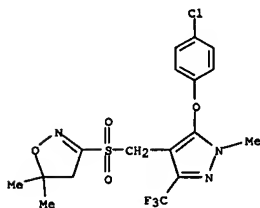


RN 447399-62-4 CAPLUS
CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[1-methyl-5-phenoxy-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

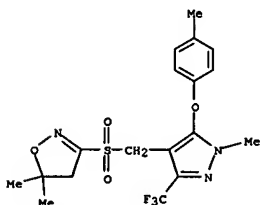


RN 447399-63-5 CAPLUS
CN Isoxazole, 3-[[[5-(3-chlorophenoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

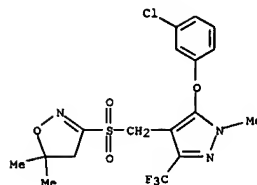


RN 447399-66-8 CAPLUS
CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[1-methyl-5-(4-methylphenoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

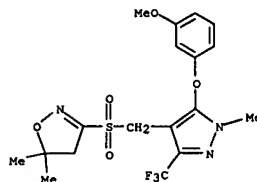


RN 447399-67-9 CAPLUS
CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[5-(4-methoxyphenoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

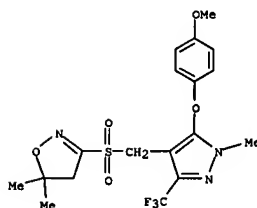


RN 447399-64-6 CAPLUS
CN Isoxazole, 4,5-dihydro-3-[[[5-(3-methoxyphenoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-5,5-dimethyl- (9CI) (CA INDEX NAME)

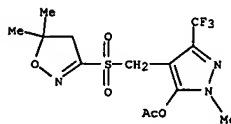


RN 447399-65-7 CAPLUS
CN Isoxazole, 3-[[[5-(4-chlorophenoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

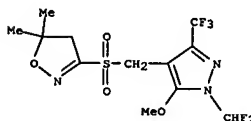
L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 447399-68-0 CAPLUS
CN 1H-Pyrazol-5-yl, 4-[[[4,5-dihydro-5,5-dimethyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-1-methyl-3-(trifluoromethyl)-, acetate (ester) (9CI) (CA INDEX NAME)



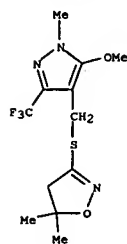
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CN Isoxazole, 3-[[[1-(difluoromethyl)-5-methoxy-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



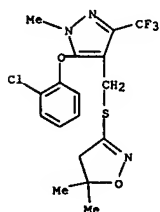
RN 447402-17-7 CAPLUS
CN Isoxazole, 4,5-dihydro-3-[[[5-methoxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-5,5-dimethyl- (9CI) (CA INDEX NAME)

10/521,593

L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

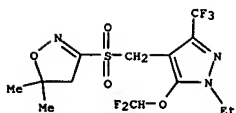


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CN Isoxazole, 3-[[[5-(2-chlorophenoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

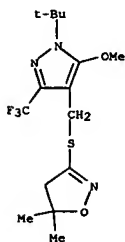


RN 447402-19-9 CAPLUS
CN Isoxazole, 3-[[[5-(cyclopentyloxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

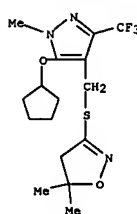


RN 660845-04-5 CAPLUS
CN Isoxazole, 3-[[[5-(1-ethyl-1,1-dimethylethyl)-5-methoxy-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

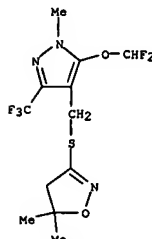


RN 660845-08-9 CAPLUS
CN Isoxazole, 3-[[[5-(1-ethyl-1,1-dimethylethyl)-5-ethyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

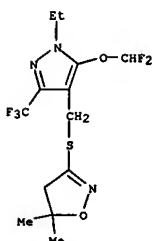


RN 656825-92-2 CAPLUS
CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

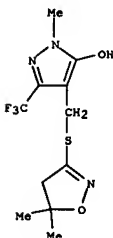


RN 656825-94-4 CAPLUS
CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-ethyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



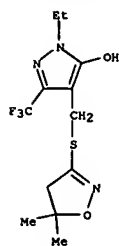
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RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of isoxazole derivs. as herbicides and synergistic herbicide compns. containing them)
RN 447402-29-1 CAPLUS
CN 1H-Pyrazol-5-ol, 4-[[[4,5-dihydro-5,5-dimethyl-3-isoxazolyl]thio]methyl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



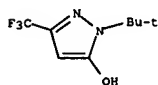
RN 660845-33-0 CAPLUS
CN 1H-Pyrazol-5-ol, 4-[[[4,5-dihydro-5,5-dimethyl-3-isoxazolyl]thio]methyl]-1-ethyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

10/521,593

L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



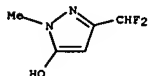
IT 122431-41-8P, 3-tert-Butyl-3-trifluoromethyl-1H-pyrazole-5-ol
129922-58-3P, 3-Difluoromethyl-1-methyl-1H-pyrazole-5-ol
447401-84-5P, 1-tert-Butyl-5-methoxy-3-trifluoromethyl-1H-
pyrazole 447401-85-6P, 1-tert-Butyl-4-chloromethyl-5-
methoxy-3-trifluoromethyl-1H-pyrazole
RL: RCT (Reactant); SFN (Synthetic Preparation); PREP (Preparation); RACT
(Reactant or reagent)
(Preparation of isoxazole derivs. as herbicides and synergistic
herbicide compns. containing them)
RN 122431-41-8 CAPLUS
CN 1H-Pyrazole-5-ol, 1-(1,1-dimethylethyl)-3-(trifluoromethyl)- (9CI) (CA
INDEX NAME)



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RN      129922-58-3  CAPLUS
CN      1H-Pyrazol-5-ol, 3-(difluoromethyl)-1-methyl- (9CI)  (CA INDEX NAME)

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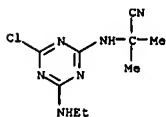


L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2

CRN 21725-46-2

CMF C9 H13 C1 N6



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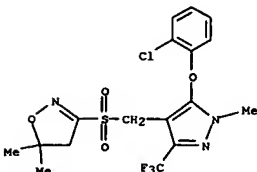
RN      660845-16-9  CAPLUS
CN      Propanenitrile, 2-[[[4-chloro-6-(ethylamino)-1,3,5-triazin-2-yl]amino]-2-
        methyl- compd. with
3-[[[5-(2-chlorophenoxy)-1-methyl-3-(trifluoromethyl)-
        1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethylisoxazole (1:1)
        (9CI) (CA INDEX NAME)

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CM 1

CRN 447399-28-2

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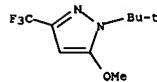


CM 2

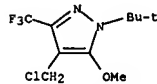
CRN 21725-46-2

CMF C9 H13 C1 N6

L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
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CN 1H-Pyrazole, 1-(1,1-dimethylethyl)-5-methoxy-3-(trifluoromethyl)- (9CI)
(CA INDEX NAME)



RN 447401-85-6 CAPLUS
CN 1H-Pyrazole, 4-(chloromethyl)-1-(1,1-dimethylethyl)-5-methoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



IT 660845-15-8 660845-16-9 660845-17-0
660845-26-1 660845-27-2 660845-28-3
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL
(Biological study); USES (Uses)
(synergetic herbicidal composition; preparation of isoxazole derivs.)

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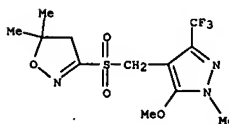
a5      herbicides and synergistic herbicide compns. containing them)
RN      660845-15-8 CAPLUS
CN      Propanenitrile, 2-[[[4-chloro-6-(ethylamino)-1,3,5-triazin-2-yl]amino]-2-
methyl-, compd. with 4,5-dihydro-3-[[[5-methoxy-1-methyl-3-
(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-5,5-dimethylisoxazolo-
(1:1) (9CI) (CA INDEX NAME)

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CM 1

CRN 447399-27-1

CMF C12 H16 F3 N3 O4 S



L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CCNc1nc(Cl)cnc1NC(C)C#N

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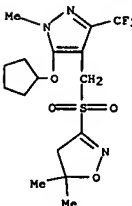
RN      660845-17-0  CAPIUS
CN      Propanenitrile, 2-[[[4-chloro-6-(ethylamino)-1,3,5-triazin-2-yl]amino]-2-
        methyl-, compd. with
3-[[[5-(cyclopentylthio)-1-methyl-3-(trifluoromethyl)-
1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethylisoxazole (1:1)
(9CI)   (CA INDEX NAME)

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CM 1

CRN 447399-29-3

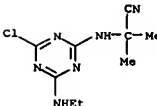
CMF C16 H22 F3 N3 O4 S



CM 2

CRN 21725-46-2

CMF C9 H13 C1 N6



RN 660845-26-1 CAPLUS

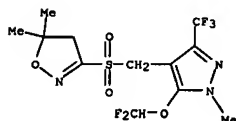
10/521,593

L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 CN Propanenitrile, 2-[[[4-chloro-6-(ethylamino)-1,3,5-triazin-2-yl]amino]-2-methyl-, compd. with
 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethylisoxazole (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 447399-55-5

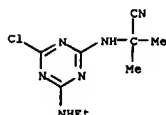
CMF C12 H14 F5 N3 O4 S



CM 2

CRN 21725-46-2

CMF C9 H13 Cl N6



RN 660845-27-2 CAPLUS

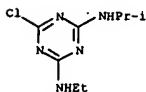
CN Propanenitrile, 2-[[[4-chloro-6-(ethylamino)-1,3,5-triazin-2-yl]amino]-2-methyl-, compd. with
 3-[[[5-(difluoromethoxy)-1-ethyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethylisoxazole (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 656825-94-4

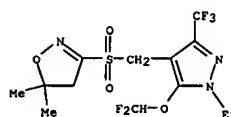
CMF C13 H16 F5 N3 O4 S

L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 CMF C8 H14 Cl N5



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS
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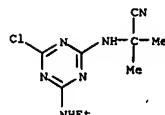
L6 ANSWER 16 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 21725-46-2

CMF C9 H13 Cl N6



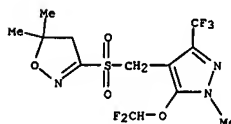
RN 660845-28-3 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, 6-chloro-N-ethyl-N'-(1-methylethyl)-, compd. with 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethylisoxazole (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 447399-55-5

CMF C12 H14 F5 N3 O4 S



CM 2

CRN 1912-24-9

L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:120831 CAPLUS

DOCUMENT NUMBER: 140:163863

TITLE: Preparation of pyrazole derivatives as intermediates in the production of herbicidal isoxazoline derivatives.

INVENTOR(S): Nakatani, Masao; Ito, Minoru; Miyazaki, Masahiro
 PATENT ASSIGNEE(S): Ihara Chemical Industry Co., Ltd., Japan; Kumiai Chemical Industry Co., Ltd.

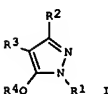
SOURCE: PCT Int. Appl., 85 pp.
 CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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AU 2003252447	A1	20040223	AU 2003-252447	20030731
BR 2003013178	A	20050614	BR 2003-13178	20030731
EP 1541561	A1	20050615	EP 2003-766681	20030731
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US 2005215797	A1	20050929	US 2005-521593	20050118
PRIORITY APPLN. INFO.:				JP 2002-225083 A 20020801
				WO 2003-JP9762 W 20030731

OTHER SOURCE(S): MARPAT 140:163863
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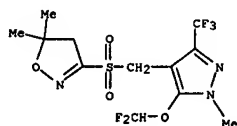


AB The title compde. I [R1 is Cl-6 alkyl; R2 is Cl-3 haloalkyl; R3 is hydrogen, (un)substituted Cl-3 alkyl, formyl; and R4 is hydrogen or Cl-3 haloalkyl (when R3 is hydrogen or formyl, R4 is Cl-3 haloalkyl; when R3 is

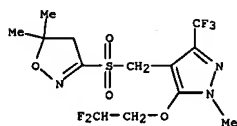
L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 (un)substituted Cl-3 alkyl, R4 is hydrogen or Cl-3 haloalkyl) are claimed. I are intermediates in the prodn. of herbicidal isoxazoline deriva. Processes for prep. I are disclosed. The herbicidal activities of isoxazoline deriva. were demonstrated.

IT 447399-55-3P 447399-58-8P 447399-59-9P
 656825-93-3P 656825-94-4P 656825-95-5P
 656825-96-6P 656825-97-7P 656825-98-8P
 656825-99-9P 656826-00-5P 656826-01-6P
 656826-02-7P 656826-03-8P 656826-04-9P
 656826-05-0P 656826-06-1P 656826-07-2P
 656826-08-3P 656826-09-4P 656826-10-7P
 656826-11-8P 656826-12-9P 656826-13-0P
 656826-14-1P 656826-15-2P 656826-16-3P
 656826-17-4P 656826-18-5P
 RI: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);

USES (Uses)
 (process for preparing pyrazole deriva. as intermediates in production of herbicidal isoxazoline deriva.)
 RN 447399-55-5 CAPLUS
 CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

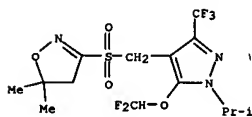


RN 447399-58-8 CAPLUS
 CN Isoxazole, 3-[[[5-(2,2-difluoroethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

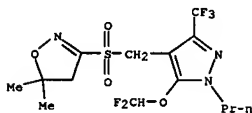


RN 447399-59-9 CAPLUS

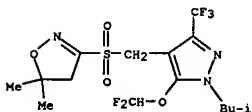
L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 656825-96-6 CAPLUS
 CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-propyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

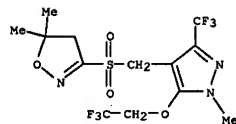


RN 656825-97-7 CAPLUS
 CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-(2-methylpropyl)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

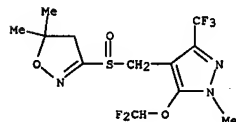


RN 656825-98-8 CAPLUS
 CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-5-ethyl-4,5-dihydro-5-methyl- (9CI) (CA INDEX NAME)

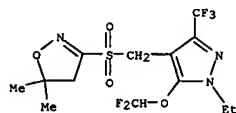
L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 656825-93-3 CAPLUS
 CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



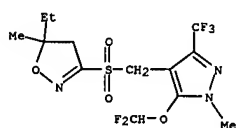
RN 656825-94-4 CAPLUS
 CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-ethyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



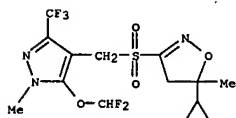
RN 656825-95-5 CAPLUS
 CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-(1-methylethyl)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

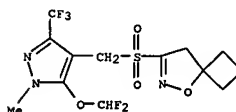
L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



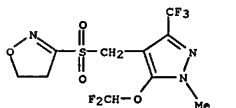
RN 656825-99-9 CAPLUS
 CN Isoxazole, 5-cyclopropyl-3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5-methyl- (9CI) (CA INDEX NAME)



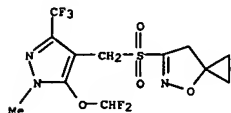
RN 656826-00-5 CAPLUS
 CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5-methyl- (9CI) (CA INDEX NAME)



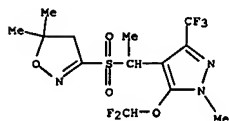
RN 656826-01-6 CAPLUS
 CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro- (9CI) (CA INDEX NAME)



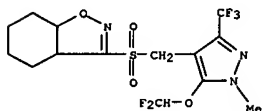
L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 RN 656826-02-7 CAPLUS
 CN 4-Oxa-5-azaspiro[2.4]hept-5-ene, 6-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 656826-03-8 CAPLUS
 CN Isoxazole, 3-[[[1-[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]ethyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

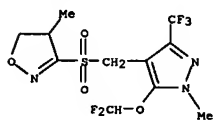


RN 656826-04-9 CAPLUS
 CN 1,2-Benzisoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-3a,4,5,6,7,7a-hexahydro- (9CI) (CA INDEX NAME)

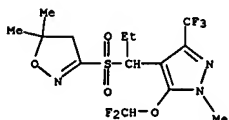


RN 656826-05-0 CAPLUS
 CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5-methyl- (9CI) (CA INDEX NAME)

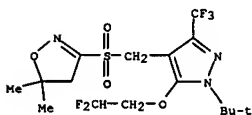
L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



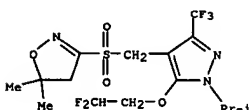
RN 656826-09-4 CAPLUS
 CN Isoxazole, 3-[[[1-[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]propyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



RN 656826-10-7 CAPLUS
 CN Isoxazole, 3-[[[5-(2,2-difluoroethoxy)-1-(1,1-dimethylethyl)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

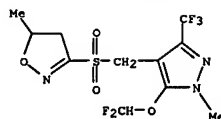


RN 656826-11-8 CAPLUS
 CN Isoxazole, 3-[[[5-(2,2-difluoroethoxy)-1-(1-methylethyl)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

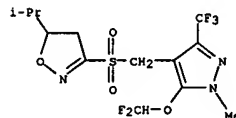


SAEED

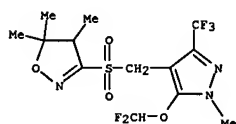
L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 656826-06-1 CAPLUS
 CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5-(1-methylethyl)- (9CI) (CA INDEX NAME)



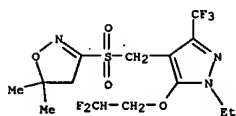
RN 656826-07-2 CAPLUS
 CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-4,5,5-trimethyl- (9CI) (CA INDEX NAME)



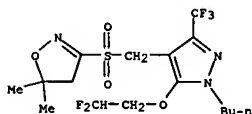
RN 656826-08-3 CAPLUS
 CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-4-methyl- (9CI) (CA INDEX NAME)

L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

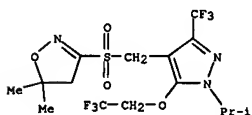
RN 656826-12-9 CAPLUS
 CN Isoxazole, 3-[[[5-(2,2-difluoroethoxy)-1-ethyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



RN 656826-13-0 CAPLUS
 CN Isoxazole, 3-[[[1-butyl-5-(2,2-difluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

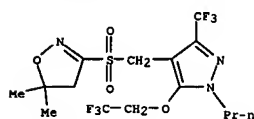


RN 656826-14-1 CAPLUS
 CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[1-(1-methylethyl)-5-(2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

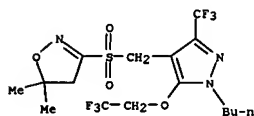


RN 656826-15-2 CAPLUS
 CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[1-propyl-5-(2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

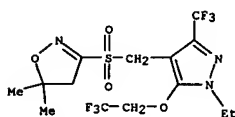
L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 656826-16-3 CAPLUS
CN Isoxazole, 3-[[[1-butyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



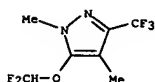
RN 656826-17-4 CAPLUS
CN Isoxazole, 3-[[[1-ethyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



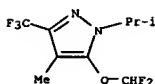
RN 656826-18-5 CAPLUS
CN Isoxazole, 3-[[[1-(1,1-dimethylethyl)-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

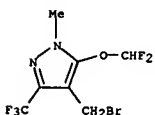
RN 656825-65-9 CAPLUS
CN 1H-Pyrazole, 5-(difluoromethoxy)-1,4-dimethyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 656825-70-6 CAPLUS
CN 1H-Pyrazole, 5-(difluoromethoxy)-4-methyl-1-(1-methylethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

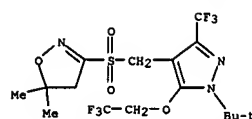


RN 656825-78-4 CAPLUS
CN 1H-Pyrazole, 4-(bromomethyl)-5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

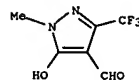


RN 656825-85-3 CAPLUS
CN Carbanimidothioic acid, [5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl ester, monohydrobromide (9CI) (CA INDEX NAME)

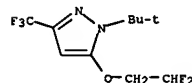
L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



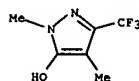
IT 179732-64-0P 656825-56-8P 656825-59-1P
656825-65-9P 656825-70-6P 656825-78-4P
656825-85-3P 656825-92-2P
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (process for preparing pyrazole derivs. as intermediates in production of herbicidal isoxazoline derivs.)
RN 179732-64-0 CAPLUS
CN 1H-Pyrazole-4-carboxaldehyde, 5-hydroxy-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



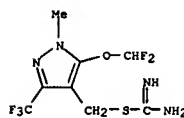
RN 656825-56-8 CAPLUS
CN 1H-Pyrazole, 5-(2,2-difluoroethoxy)-1-(1,1-dimethylethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 656825-59-1 CAPLUS
CN 1H-Pyrazol-5-ol, 1,4-dimethyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

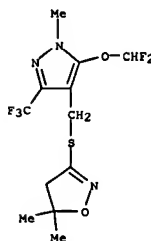


L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



● HBr

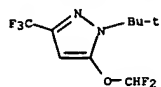
RN 656825-92-2 CAPLUS
CN Isoxazole, 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



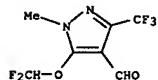
IT 656825-55-7P 656825-58-0P 656825-60-4P
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656825-68-2P 656825-69-3P 656825-71-7P
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656825-89-7P 656825-90-0P 656825-91-1P
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation) (process for preparing pyrazole derivs. as intermediates in production of herbicidal isoxazoline derivs.)
RN 656825-55-7 CAPLUS
CN 1H-Pyrazole, 5-(difluoromethoxy)-1-(1,1-dimethylethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

10/521,593

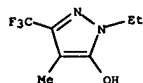
L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



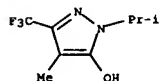
RN 656825-58-0 CAPLUS
CN 1H-Pyrazole-4-carboxaldehyde, 5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 656825-60-4 CAPLUS
CN 1H-Pyrazol-5-ol, 1-ethyl-4-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

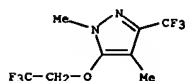


RN 656825-61-5 CAPLUS
CN 1H-Pyrazol-5-ol, 4-methyl-1-(1-methylethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

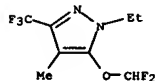


RN 656825-62-6 CAPLUS
CN 1H-Pyrazol-5-ol, 4-methyl-1-propyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

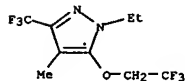
L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



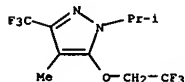
RN 656825-68-2 CAPLUS
CN 1H-Pyrazole, 5-(difluoromethoxy)-1-ethyl-4-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 656825-69-3 CAPLUS
CN 1H-Pyrazole, 1-ethyl-4-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

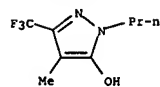


RN 656825-71-7 CAPLUS
CN 1H-Pyrazole, 4-methyl-1-(1-methylethyl)-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

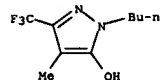


RN 656825-72-8 CAPLUS
CN 1H-Pyrazole, 4-methyl-1-propyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

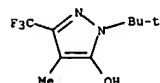
L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



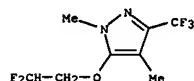
RN 656825-63-7 CAPLUS
CN 1H-Pyrazol-5-ol, 1-butyl-4-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 656825-64-8 CAPLUS
CN 1H-Pyrazol-5-ol, 1-(1,1-dimethylethyl)-4-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

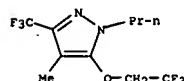


RN 656825-66-0 CAPLUS
CN 1H-Pyrazole, 5-(2,2-difluoroethoxy)-1,4-dimethyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

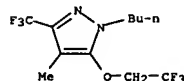


RN 656825-67-1 CAPLUS
CN 1H-Pyrazole, 1,4-dimethyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

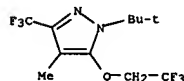
L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



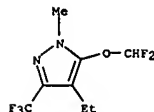
RN 656825-73-9 CAPLUS
CN 1H-Pyrazole, 1-butyl-4-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 656825-74-0 CAPLUS
CN 1H-Pyrazole, 1-(1,1-dimethylethyl)-4-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



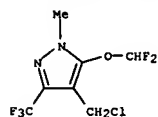
RN 656825-75-1 CAPLUS
CN 1H-Pyrazole, 5-(difluoromethoxy)-4-ethyl-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



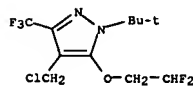
RN 656825-76-2 CAPLUS
CN 1H-Pyrazole, 4-(chloromethyl)-5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

10/521,593

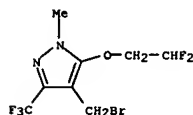
L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



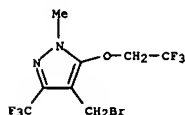
RN 656825-77-3 CAPLUS
CN 1H-Pyrazole, 4-(chloromethyl)-5-(2,2-difluoroethoxy)-1-(1,1-dimethylethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



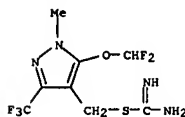
RN 656825-79-5 CAPLUS
CN 1H-Pyrazole, 4-(bromomethyl)-5-(2,2-difluoroethoxy)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 656825-80-8 CAPLUS
CN 1H-Pyrazole, 4-(bromomethyl)-1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

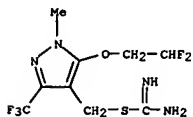


L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



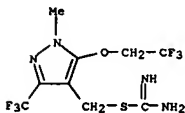
● HCl

RN 656825-86-4 CAPLUS
CN Carbamimidethioic acid, [5-(2,2-difluoroethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl ester, monohydrobromide (9CI) (CA INDEX NAME)



● HBr

RN 656825-87-5 CAPLUS
CN Carbamimidethioic acid, [1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl ester, monohydrobromide (9CI) (CA INDEX NAME)

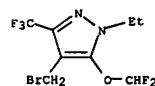


● HBr

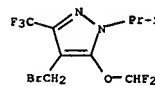
RN 656825-88-6 CAPLUS
CN Carbamimidethioic acid, [5-(difluoromethoxy)-1-ethyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl ester, monohydrobromide (9CI) (CA INDEX NAME)

L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

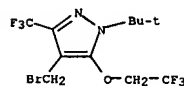
RN 656825-81-9 CAPLUS
CN 1H-Pyrazole, 4-(bromomethyl)-5-(difluoromethoxy)-1-ethyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 656825-82-0 CAPLUS
CN 1H-Pyrazole, 4-(bromomethyl)-5-(difluoromethoxy)-1-(1-methylethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

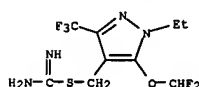


RN 656825-83-1 CAPLUS
CN 1H-Pyrazole, 4-(bromomethyl)-1-(1,1-dimethylethyl)-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



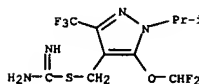
RN 656825-84-2 CAPLUS
CN Carbamimidethioic acid, [5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl ester, monohydrochloride (9CI) (CA INDEX NAME)

L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



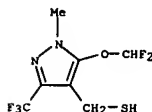
● HBr

RN 656825-89-7 CAPLUS
CN Carbamimidethioic acid, [5-(difluoromethoxy)-1-(1-methylethyl)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl ester, monohydrobromide (9CI) (CA INDEX NAME)

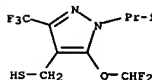


● HBr

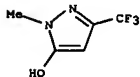
RN 656825-90-0 CAPLUS
CN 1H-Pyrazole-4-methanethiol, 5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



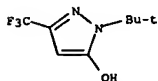
RN 656825-91-1 CAPLUS
CN 1H-Pyrazole-4-methanethiol, 5-(difluoromethoxy)-1-(1-methylethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



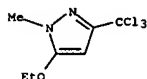
L6 ANSWER 17 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 IT 122431-37-2, 5-Hydroxy-1-methyl-3-(trifluoromethyl)-1H-pyrazole 122431-41-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (process for preparing pyrazole derivs. as intermediates in production of herbicidal isoxazoline derivs.)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 122431-41-8 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-(1,1-dimethylethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

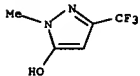


L6 ANSWER 18 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:915306 CAPLUS
 DOCUMENT NUMBER: 140:77074
 TITLE: 1,1,1-Trichloro-4,4-diethoxy-3-buten-2-one and its trichloroacetylacetate derivatives: Synthesis and applications in regiospecific preparation of azoles
 AUTHOR(S): Martins, Marcos A. P.; Pereira, Claudio M. P.; Zimmermann, Nilo E. K.; Moura, Sidney; Sinhorin, Adilson P.; Cunico, Wilson; Zanatta, Nilo; Bonacorso, Helio G.; Flores, Alex C. F.
 CORPORATE SOURCE: Nucleo de Quimica de Heterociclos (NUQUIMHE), Departamento de Quimica, Universidade Federal de Santa Maria, Santa Maria, 97105-900, Brazil
 SOURCE: Synthesis (2003), (15), 2353-2357
 CODEN: SYNTBF; ISSN: 0039-7881
 PUBLISHER: Georg Thieme Verlag
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 140:77074
 AB 1,1,1-Trichloro-4,4-diethoxy-3-buten-2-one and three trichloroacetylacetates Cl3CCOCH(R1)CO2R2 (R1 = H, Me; R2 = Me, Et) were prepared by acylation of resp. trialkyl orthoacetates and orthopropionates (R2O)3CCH2R1 with trichloroacetyl chloride in good yields. These compds. were used for the regiospecific preparation of two isoxazolines and five pyrazoles by cyclocondensation with hydroxylamine and hydrazines, resp. The transformation of the trichloromethyl group under mild conditions into carboxylic group is also described.
 IT 639815-75-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (regiospecific preparation of isoxazolines and pyrazoles via acylation of ortho esters and cyclocondensation of trichloro(diethoxy)butenone or trichloroacetylacetates with hydroxylamine or hydrazines)
 RN 639815-75-1 CAPLUS
 CN 1H-Pyrazole, 5-ethoxy-1-methyl-3-(trichloromethyl)- (9CI) (CA INDEX NAME)

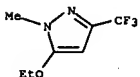


REFERENCE COUNT: 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS
 FORMAT RECORD. ALL CITATIONS AVAILABLE IN THE RE

L6 ANSWER 19 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 ACCESSION NUMBER: 2003:795350 CAPLUS
 DOCUMENT NUMBER: 140:303581
 TITLE: Regiospecific synthesis of polyfluorinated heterocycles
 AUTHOR(S): Martins, Marcos A. P.; Pereira, Claudio M. P.; Zimmermann, Nilo E. K.; Cunico, Wilson; Moura, Sidney;
 CORPORATE SOURCE: Beck, Paulo; Zanatta, Nilo; Bonacorso, Helio G. Departamento de Quimica, Nucleo de Quimica de Heterociclos (NUQUIMHE), Universidade Federal de Santa Maria, Santa Maria, 97105-900, Brazil
 SOURCE: Journal of Fluorine Chemistry (2003), 123(2), 261-265
 CODEN: JFLCAR; ISSN: 0022-1139
 PUBLISHER: Elsevier Science B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 140:303581
 AB A series of 10 heterocycles was obtained from the reaction of F(CF2)nCOCH: C(OEt)2 [n = 1, 2] with N2H4, MeNHNH2, H2NOH, or NaCN. Polyfluoroalkylpyrazoles, -4,5-dihydroisoxazoles and -pyrrolidinones were obtained in moderate to good yields under mild conditions.
 IT 122431-37-2P 676487-71-1P 676487-74-4P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (regiospecific synthesis of polyfluoroalkyl heterocycles)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

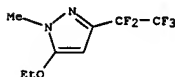


RN 676487-71-1 CAPLUS
 CN 1H-Pyrazole, 5-ethoxy-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 676487-74-4 CAPLUS
 CN 1H-Pyrazole, 5-ethoxy-1-methyl-3-(pentafluoroethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 19 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



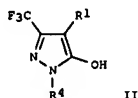
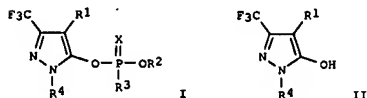
REFERENCE COUNT: 69 THERE ARE 69 CITED REFERENCES AVAILABLE FOR THIS
 FORMAT RECORD. ALL CITATIONS AVAILABLE IN THE RE

L6 ANSWER 20 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:525418 CAPLUS
 DOCUMENT NUMBER: 139:85342
 TITLE: Preparation of 3-trifluoromethyl-5-hydroxypyrazole phosphates using water as solvent
 INVENTOR(S): Kong, Yong De
 PATENT ASSIGNEE(S): Korea Research Institute of Chemical Technology, S. Korea
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
 DOCUMENT TYPE: CODEN: JKXXAF
 LANGUAGE: Patent
 FAMILY ACC. NUM. COUNT: 1 Japanese
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003192690	A	20030709	JP 2001-394246	20011226
JP 3609373	B2	20050112		

PRIORITY APPLN. INFO.: JP 2001-394246 20011226

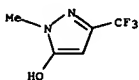
OTHER SOURCE(S): CASREACT 139:85342; MARPAT 139:85342
 GI



AB The title compds. I [R1 = H, halo; R2 = Cl-5 alkyl; R3 = Cl-5 alkoxy, C1-5 alkylthio, phenoxy, thiophenoxy; R4 = H, Cl-5 alkyl; (un)substituted Ph; X = O, S] are prep'd by esterification of 5-hydroxypyrazoles II (R1, R4 = same as I) with YP(X)R3OR2 (Y = halo; R2, R3 = same as I) in the presence of dimethylaminopyridine catalysts and alkali metal hydroxides in water. E.g., 1-phenyl-3-trifluoromethyl-5-hydroxypyrazole was reacted with di-Et chlorothiophosphate in the presence of NaOH in H2O and 4-dimethylaminopyridine under reflux for 3 h to give 88% O,O-di-Et O-(1-phenyl-3-trifluoromethyl-5-pyrazolyl) thiophosphate.
 IT 122431-25-8P, O,O-Diethyl O-(1-methyl-3-(trifluoromethyl)-5-pyrazolyl) thiophosphate
 RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
 (preparation of trifluoromethylhydroxypyrazole phosphates by esterification of hydroxypyrazoles with phosphates)
 RN 122431-25-8 CAPLUS
 CN Phosphorothioic acid, O,O-diethyl O-(1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl) ester (9CI) (CA INDEX NAME)

L6 ANSWER 21 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:377511 CAPLUS
 DOCUMENT NUMBER: 139:164463
 TITLE: A robust method for determining 1H-15N long-range correlations: 15N optimized CIGAR-HMBC experiments
 AUTHOR(S): Kline, Mike; Cheatham, Steve
 CORPORATE SOURCE: Stine-Haskell Research Center, DuPont Crop Protection, Newark, DE, 19714-0030, USA
 SOURCE: Magnetic Resonance in Chemistry (2003), 41(5), 307-314
 PUBLISHER: CODEN: MRCHG; ISSN: 0749-1581
 DOCUMENT TYPE: John Wiley & Sons Ltd.
 LANGUAGE: Journal
 ENGLISH

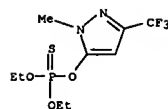
AB An examination of a variety of common N-containing systems was undertaken to optimize parameters for observation of 1H-15N long-range correlations. Because of the diversity of coupling consts. encountered with 1H-15N correlations, a modified accordion-based sequence was used to provide the best results. Optimization of the values for the accordion delay revealed that a range between 3 and 10 Hz provided the best compromise between detection of weak correlations and loss of signal to T2 processes. Multiple bond correlations were readily detected for each class of compound with the exception of anilines. Correlations within heterocyclic systems revealed some general patterns. In general, stronger correlations were observed from protons to pyrrole-like nitrogens than to the pyridine-type nitrogens of imidazoles and pyrazoles. Very long-range (four- and five-bond) correlations were routinely observed between Me groups and the nitrogens of aromatic heterocycles.
 IT 122431-37-2
 RL: PRP (Properties)
 (robust method for determining 1H-15N long-range correlations by 15N optimized CIGAR-HMBC expts.)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



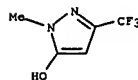
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L6 ANSWER 20 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 122431-37-2, 1-Methyl-3-(trifluoromethyl)-5-hydroxypyrazole
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of trifluoromethylhydroxypyrazole phosphates by esterification of hydroxypyrazoles with phosphates)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

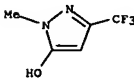


L6 ANSWER 22 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:275225 CAPLUS
 DOCUMENT NUMBER: 138:255226
 TITLE: Improved preparation methods for 3-trifluoromethyl-5-hydroxy-pyrazole phosphate derivatives in the presence of water
 INVENTOR(S): Gong, Yong-Dai
 PATENT ASSIGNEE(S): Korea Research Institute of Chemical Technology, S. Korea
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 10 pp.
 DOCUMENT TYPE: CODEN: CNXXEV
 LANGUAGE: Patent
 FAMILY ACC. NUM. COUNT: 1 Chinese
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1332171	A	20020123	CN 2000-122691	20000816
KR 2002005213	A	20020117	KR 2000-35729	20000627

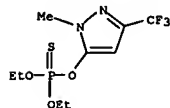
PRIORITY APPLN. INFO.: KA 2000-35729 A 20000627

OTHER SOURCE(S): CASREACT 138:255226; MARPAT 138:255226
 AB Title compds., useful for insecticides, 1-R4-4-R1-5-[(R2O)(R3)P(=X)O]-1H-pyrazoles (R1 = H or halo; R2 = Cl-6 alkyl; R3 = Cl-6 alkoxy, Cl-6 alkylthio, phenoxy, or thiophenoxy; R4 = H, Cl-6 alkyl, Ph, or Ph substituted by halo, trifluoromethyl, or Cl-6 alkoxy; and X = O or S), preferably phosphorothioic acid di-Et 1-phenyl-3-trifluoromethyl-5(1H)-pyrazolyl ester and phosphorothioic acid di-Et 1-methyl-3-trifluoromethyl-5(1H)-pyrazolyl ester, are synthesized by esterification of 1-R4-4-R1-5-trifluoromethyl-1H-pyrazol-5-ol with (R2O)(R3)P(=X)Y (Y = halogens) in water-organic solvents.
 IT 122431-37-2
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of trifluoromethylhydroxypyrazole phosphate deriva. in presence of water)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



IT 122431-25-8P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of trifluoromethylhydroxypyrazole phosphate deriva. in presence of water)
 RN 122431-25-8 CAPLUS
 CN Phosphorothioic acid, O,O-diethyl O-(1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl) ester (9CI) (CA INDEX NAME)

L6 ANSWER 22 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



L6 ANSWER 23 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:261813 CAPLUS

DOCUMENT NUMBER: 138:287667

TITLE: Preparation of 1-[2-(aryloxy)ethyl]-1H-pyrazoles useful in the treatment of hyper-proliferative disorders

INVENTOR(S): Khire, Uday; Zhang, Chengzhi; Kluender, Harold C. E.; Mugge, Ingo; Hong, Zhenqiu; Shao, Jianxing; Bifulco, Nelli; Trail, Pamela A.; Dumas, Jacques; Lavoie, Rico C.; Liu, Xiao-Gao; Agarwal, Veena; Verma, Sharad K.; Wang, Lei

PATENT ASSIGNEE(S): Bayer Corporation, USA

SOURCE: PCT Int. Appl., 121 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003027074	A1	20030403	WO 2002-US29958	20020920
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2461128	A1	20030403	CA 2002-2461128	20020920
EP 1432689	A1	20040630	EP 2002-799600	20020920
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
JP 200504098	T	20050210	JP 2003-530665	20020920
US 2004180891	A1	20040916	US 2004-489796	20040315
PRIORITY APPLN. INFO.:				US 2001-324573P P 20010925
				WO 2002-US29958 W 20020920

OTHER SOURCE(S): MARPAT 138:287667

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I and II [wherein R1 = H, halo, or CN; R2 = H, CN, COR6, halo, or alkyl; R3 = CF3 or (un)substituted alkyl, Ph, furyl, thienyl, isoxazolyl, pyridyl, or benzodioxolyl; R4 = H, alkyl, halo, or CN; X = O or NH; R5 = (un)substituted alkyl; R6 = H or alkyl; R7 = alkoxy, Br, Cl, F, CF3, CN, CO2H, NHCOR14, or (un)substituted alkyl, Ph, thienyl, pyridyl,

L6 ANSWER 23 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

pyrimidyl, pyrrolyl, furyl, oxazolyl, benzothienyl, benzofuryl, morpholinyl, pyrrolidinyl, piperidinyl, naphthyl, or benzodioxolyl; Y =

H, alkyl, alkoxy, CN, or halo; R8 = (un)substituted Ph; R9 = H, alkyl, Br, Cl, or F; R10 = (un)substituted alkyl; R14 = alkyl; n = 0-2; or pharmaceutically acceptable salts thereof) were prepd. as angiogenesis inhibitors. For example, etherification of 1,6-dibromo-2-naphthol with dibromomethane gave the bromoethoxy deriv. (934). Addn. of NH2NH2·H2O in 2N HCl and CH2Cl2 provided 1-[2-[(1,6-dibromo-2-naphthyl)oxy]ethyl]hydrazine·HCl (784). Cyclization of the hydrazine with Et benzoylacetate afforded the pyrazolone (394), which was treated with 1,1'-(azodicarbonyl)dipiperidine, PBU3, and EtOH to give III (784). In an in vivo tumor model assay using human colon tumor HCT-116 cells implanted in mice, I and II significantly inhibited tumor growth compared to controls. All treatments were well tolerated with no lethality or wt. loss in any group. Thus, I and II are useful for the treatment of hyper-proliferative disorders and angiogenesis dependent disorders, esp. colon, breast, and lung cancer.

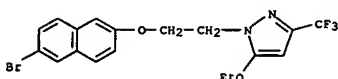
IT 503812-86-0P, 1-[2-[(6-Bromo-2-naphthyl)oxy]ethyl]-5-ethoxy-3-(trifluoromethyl)-1H-pyrazole 503812-87-1P, 1-[2-[(6-Bromo-2-naphthyl)oxy]ethyl]-5-propoxy-3-(trifluoromethyl)-1H-pyrazole 503812-88-2P, 1-[2-[(6-Bromo-2-naphthyl)oxy]ethyl]-5-butoxy-3-(trifluoromethyl)-1H-pyrazole 503812-89-3P, 1-[2-[(6-Bromo-2-naphthyl)oxy]ethyl]-5-(pentyloxy)-3-(trifluoromethyl)-1H-pyrazole 503812-90-6P, 1-[2-[(1,6-Dibromo-2-naphthyl)oxy]ethyl]-5-ethoxy-3-(trifluoromethyl)-1H-pyrazole

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(anticancer agent; preparation of [(aryloxy)ethyl]pyrazoles for treatment of hyper-proliferative disorders)

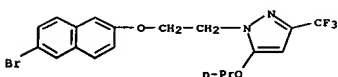
RN 503812-86-0 CAPLUS

CN 1H-Pyrazole, 1-[2-[(6-bromo-2-naphthalenyl)oxy]ethyl]-5-ethoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 503812-87-1 CAPLUS

CN 1H-Pyrazole, 1-[2-[(6-bromo-2-naphthalenyl)oxy]ethyl]-5-propoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

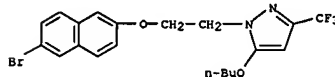


RN 503812-88-2 CAPLUS

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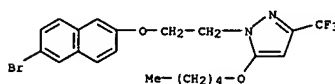
L6 ANSWER 23 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CN 1H-Pyrazole, 1-[2-[(6-bromo-2-naphthalenyl)oxy]ethyl]-5-butoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



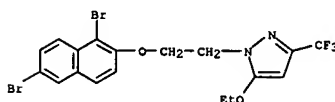
RN 503812-89-3 CAPLUS

CN 1H-Pyrazole, 1-[2-[(6-bromo-2-naphthalenyl)oxy]ethyl]-5-(pentyloxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 503812-90-6 CAPLUS

CN 1H-Pyrazole, 1-[2-[(1,6-dibromo-2-naphthalenyl)oxy]ethyl]-5-ethoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

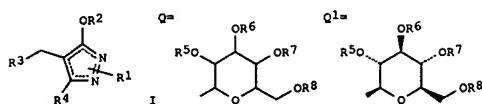


REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 24 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:36456 CAPLUS
 DOCUMENT NUMBER: 138:90016
 TITLE: Preparation of 3-pyrazolyl glycosides for treatment of diabetes
 INVENTOR(S): Shirakura, Shiro; Ito, Yasuhiko; Kusaka, Hiroko; Kusaka, Hideaki; Takeshita, Kenichi; Matsumoto, Yoshiko; Abe, Masayuki; Ota, Yoshihisa; Nomoto, Yuji
 PATENT ASSIGNEE(S): Kyowa Hakko Kogyo Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 16 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

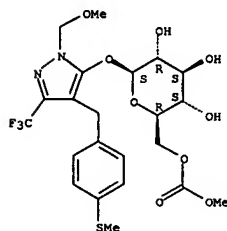
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003012686	A	20030115	JP 2001-200388	20010702
PRIORITY APPLN. INFO.:			JP 2001-200388	20010702

OTHER SOURCE(S): MARPAT 138:90016
 GI

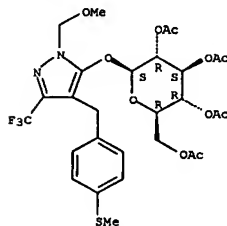


AB 3-Pyrazolyl glycosides, in particular 3-pyrazolyl β -D-glucopyranosides [I: R1 = H, (un)substituted lower alkyl or lower alkoxy; R4 = (un)substituted lower alkyl or lower alkoxy; R5-R8 = H, hydroxy-protecting group; when at least one of R5-R8 is a hydroxy-protecting group and R5-R8 is H and also R1 is (un)substituted lower alkyl or lower alkoxy, R3 is (un)substituted aryl or heterocyclyl; or when R5-R8 is H and R1 is H or lower alkyl, R3 is p-(un)saturated lower alkylsulfonylaryl, or substituted aryl, or (un)substituted aromatic heterocyclyl] or pharmaceut. acceptable salts thereof are prepared. Also disclosed are preventives or remedies for diabetes or diabetes complications, blood sugar-lowering agents, or Na⁺-glucose cotransporter (sodium-glucose cotransporter) (SGLT) inhibitors containing the above compds.
 I as the active ingredients. Thus, to a solution of 4.00 g
 1,2-dihydro-4-[(4-methylthiophenyl)methyl]-5-trifluoromethyl-3H-pyrazol-3-one and 14.78 g 2,3,4,6-tetra-O-acetyl- β -D-glucopyranosyl bromide in 300 mL MeCN was added 9.69 g K₂CO₃ and stirred at room temperature for 3 days to

L6 ANSWER 24 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

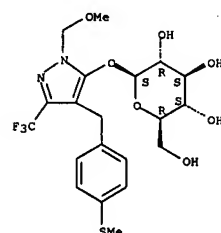


IT 484047-30-5P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of 3-pyrazolyl glycosides as blood sugar-lowering agents and Na⁺-glucose cotransporter inhibitors for treatment of diabetes and diabetes complications)
 RN 484047-30-5 CAPLUS
 CN β -D-Glucopyranoside, 1-(methoxymethyl)-4-[(4-methylthio)phenyl]methyl]-3-(trifluoromethyl)-1H-pyrazol-5-yl, 2,3,4,6-tetraacetate (9CI) (CA INDEX NAME)
 Absolute stereochemistry.



L6 ANSWER 24 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 give 584 4-[(4-methylthiophenyl)methyl]-3-[(2,3,4,6-tetra-O-acetyl- β -D-glucopyranosyl)oxy]-5-trifluoromethyl-1H-pyrazole which (908 mg) was stirred with a mixt. of 15 mL ethanol and 505 aq. K₂CO₃ at room temp. for 1 h to give 7% 4-[(4-methylthiophenyl)methyl]-3-[(β -D-glucopyranosyl)oxy]-5-trifluoromethyl-1H-pyrazole (II). To a soln. of 22 mg II in 1 mL MeOH was added 7 mg m-chloroperbenzoic acid and stirred at room temp. for 4 h to give 20% 4-[(4-methylsulfinylphenyl)methyl]-3-[(β -D-glucopyranosyl)oxy]-5-trifluoromethyl-1H-pyrazole (III). In a SGLT inhibition assay, III showed IC₅₀ of 0.0466 μ M for inhibiting the uptake of [14C]AMG in proximal tubule epithelial cell lines (LNC-PK1). III at 1 mg/kg i.v. increased the urinary excretion of glucose from 502 \pm 61 μ g/2 h (control) to 62,077 \pm 10,456 μ g/2 h in male SLC SD rats.
 IT 484047-32-7P 484047-34-9P
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 (preparation of 3-pyrazolyl glycosides as blood sugar-lowering agents and Na⁺-glucose cotransporter inhibitors for treatment of diabetes and diabetes complications)
 RN 484047-32-7 CAPLUS
 CN β -D-Glucopyranoside, 1-(methoxymethyl)-4-[(4-methylthio)phenyl]methyl]-3-(trifluoromethyl)-1H-pyrazol-5-yl (9CI) (CA INDEX NAME)
 Absolute stereochemistry.

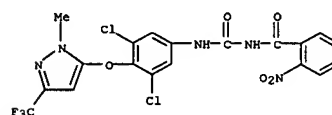
Absolute stereochemistry.



RN 484047-34-9 CAPLUS
 CN β -D-Glucopyranoside, 1-(methoxymethyl)-4-[(4-methylthio)phenyl]methyl]-3-(trifluoromethyl)-1H-pyrazol-5-yl, 6-(methyl carbonate) (9CI) (CA INDEX NAME)
 Absolute stereochemistry.

Absolute stereochemistry.

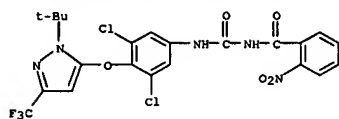
L6 ANSWER 25 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:12243 CAPLUS
 DOCUMENT NUMBER: 139:46393
 TITLE: Novel benzoylurea derivatives as potential antitumor agents: synthesis, activities and structure-activity relationships
 AUTHOR(S): Hwang, Ki-Jun; Park, Kyung-Ho; Lee, Chong-Ock; Kim, Beom-Tae
 CORPORATE SOURCE: Department of Chemistry and Research Center of Bioactive Materials, College of Natural Science, Chonbuk National University, Jeonju, 561-756, S. Korea
 SOURCE: Archives of Pharmacol Research (2002), 25(6), 781-785
 CODEN: APHRDQ; ISSN: 0253-6269
 PUBLISHER: Pharmaceutical Society of Korea
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 139:46393
 AB A series of pyrazoloxypheyl benzoyl urea derivs. was designed and synthesized for cytotoxic evaluation as potential antitumor agents. The synthetic compds. were evaluated for in vitro cytotoxicity against five human tumor cell lines, including A-549, SKOV-3, SK-MEL-2, XF-498 and HCT-15. Among others, compound 11 exhibited 50.apprx.100 times greater antitumor activities than the com. product, Cisplatin.
 IT 172939-80-9P 172939-81-0P 172939-82-1P
 172939-83-2P 547756-65-0P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (synthesis and structure-activity relationship studies of novel benzoylurea derivs. as potential antitumor agents in human cancer cell lines)
 RN 172939-80-9 CAPLUS
 CN Benzamide,
 N-[[[3,5-dichloro-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyl]-2-nitro- (9CI) (CA INDEX NAME)



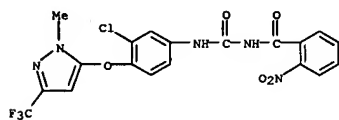
RN 172939-81-0 CAPLUS
 CN Benzamide,
 N-[[[3,5-dichloro-4-[[1-(1,1-dimethylethyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyl]-2-nitro- (9CI) (CA INDEX NAME)

10/521,593

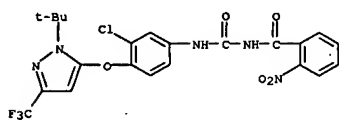
L6 ANSWER 25 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 172939-82-1 CAPLUS
CN Benzanide, N-[[3-chloro-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyl]-2-nitro- (9CI) (CA INDEX NAME)

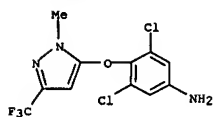


RN 172939-83-2 CAPLUS
CN Benzanide, N-[[3-chloro-4-[[1-(1,1-dimethylethyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyl]-2-nitro- (9CI) (CA INDEX NAME)

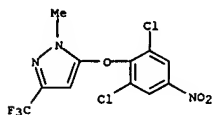


RN 547756-65-0 CAPLUS
CN Benzanide, N-[[2,6-dichloro-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyl]-2-nitro- (9CI) (CA INDEX NAME)

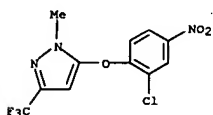
L6 ANSWER 25 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



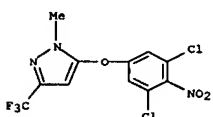
RN 147801-44-3 CAPLUS
CN 1H-Pyrazole, 5-(2,6-dichloro-4-nitrophenoxy)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 547756-59-2 CAPLUS
CN 1H-Pyrazole, 5-(2-chloro-4-nitrophenoxy)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

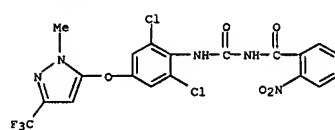


RN 547756-61-6 CAPLUS
CN 1H-Pyrazole, 5-(3,5-dichloro-4-nitrophenoxy)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



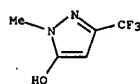
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L6 ANSWER 25 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



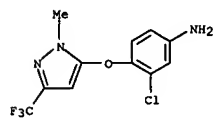
IT 122431-37-2
RL: RCT (Reactant); RACT (Reactant or reagent)
(synthesis and structure-activity relationship studies of novel benzoylurea derivs. as potential antitumor agents in human cancer cell lines)

RN 122431-37-2 CAPLUS
CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



IT 147801-36-3P 147801-41-OP 147801-44-3P
547756-59-2P 547756-61-6P 547756-64-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(synthesis and structure-activity relationship studies of novel benzoylurea derivs. as potential antitumor agents in human cancer cell lines)

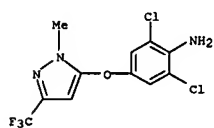
RN 147801-36-3 CAPLUS
CN Benzenamine, 3-chloro-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)



RN 147801-41-0 CAPLUS
CN Benzenamine, 3,5-dichloro-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

L6 ANSWER 25 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 547756-64-9 CAPLUS
CN Benzenamine, 2,6-dichloro-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

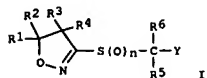
L6 ANSWER 26 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:5955 CAPLUS
DOCUMENT NUMBER: 138:55956TITLE: Preparation of isoxazoline derivatives as herbicides
INVENTOR(S): Nakatani, Masao; Ito, Minoru; Kimijima, Kyoko;
Miyazaki, Masahiro; Fujinami, Makoto; Ueno, Ryohei;
Takahashi, SatoruPATENT ASSIGNEE(S): Kumiai Chemical Industry Co., Ltd., Japan; Ihara
Chemical Industry Co., Ltd.SOURCE: PCT Int. Appl., 146 pp.
CODEN: PIXXD2DOCUMENT TYPE: Patent
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003000686	A1	20030103	WO 2002-JP6183	20020620
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1405853	A1	20040407	EP 2002-743670	20020620
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2004259734	A1	20041223	US 2004-480376	20040612
PRIORITY APPLN. INFO.: JP 2001-187679 A 20010621				
WO 2002-JP6183 W 20020620				

OTHER SOURCE(S): MARPAT 138:55956
GI

AB Title compds. I (wherein R1 is haloalkyl; R2 is hydrogen, alkyl, or the like; R3, R4, R5, and R6 are each hydrogen or the like; Y is pyrrolyl, pyrazolyl, isothiazolyl, oxazolyl, imidazolyl, pyridazinyl, pyrimidinyl, pyrazinyl, triazinyl, triazolyl, oxadiazolyl, or the like; and n is an integer of 0 to 2) and their pharmaceutically acceptable salts, having excellent herbicidal effect and selectivity between crops and weeds, are prepared. Thus, 3-(5-chloro-1-methyl-3-trifluoromethyl-1H-pyrazol-4-

L6 ANSWER 26 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
ylmethylsulfonyl)-5-chloromethyl-5-methyl-2-isoxazoline was prep. and showed herbicidal activity against Echinochloa crus-galli and Monochoria vaginalis.

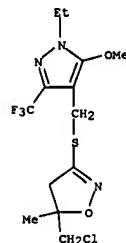
IT 479638-23-8P 479638-29-4P 479638-30-7P

479638-34-1P 479638-35-2P 479638-36-3P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of isoxazoline derivs. as herbicides)

RN 479638-23-8 CAPLUS

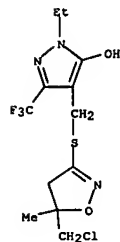
CN Isoxazole,
5-(chloromethyl)-3-[[[1-ethyl-5-methoxy-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-4,5-dihydro-5-methyl- (9CI) (CA INDEX NAME)



RN 479638-29-4 CAPLUS

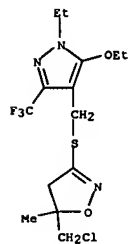
CN 1H-Pyrazol-5-ol, 4-[[[5-(chloromethyl)-4,5-dihydro-5-methyl-3-isoxazolyl]thio]methyl]-1-ethyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 26 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 479638-30-7 CAPLUS

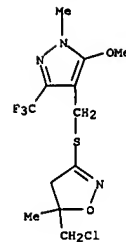
CN Isoxazole, 5-(chloromethyl)-3-[[[5-ethoxy-1-ethyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-4,5-dihydro-5-methyl- (9CI) (CA INDEX NAME)



RN 479638-34-1 CAPLUS

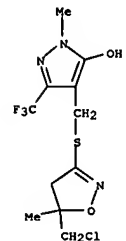
CN Isoxazole, 5-(chloromethyl)-4,5-dihydro-3-[[[5-methoxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-5-methyl- (9CI) (CA INDEX NAME)

L6 ANSWER 26 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 479638-35-2 CAPLUS

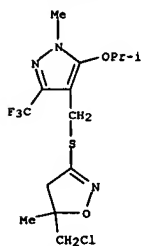
CN 1H-Pyrazol-5-ol, 4-[[[5-(chloromethyl)-4,5-dihydro-5-methyl-3-isoxazolyl]thio]methyl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 479638-36-3 CAPLUS

CN Isoxazole, 5-(chloromethyl)-4,5-dihydro-5-methyl-3-[[[1-methyl-5-(1-methylethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]- (9CI) (CA INDEX NAME)

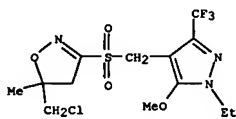
L6 ANSWER 26 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 479638-24-9P 479638-31-8P 479638-37-4P
 479638-52-3P 479638-55-6P 479638-56-7P
 479638-57-8P 479638-58-9P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);

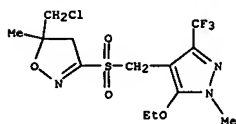
USES (Uses)
 (preparation of isoxazoline derivs. as herbicides)

RN 479638-24-9 CAPLUS
 CN Isoxazole,
 5-(chloromethyl)-3-[[1-ethyl-5-methoxy-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5-methyl- (9CI) (CA INDEX NAME)

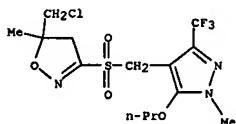


RN 479638-31-8 CAPLUS
 CN Isoxazole, 5-(chloromethyl)-3-[[5-ethoxy-1-ethyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5-methyl- (9CI) (CA INDEX NAME)

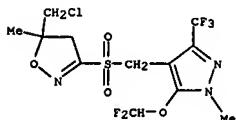
L6 ANSWER 26 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 479638-56-7 CAPLUS
 CN Isoxazole,
 5-(chloromethyl)-4,5-dihydro-5-methyl-3-[[1-methyl-5-propoxy-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

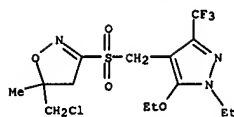


RN 479638-57-8 CAPLUS
 CN Isoxazole, 5-(chloromethyl)-3-[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5-methyl- (9CI) (CA INDEX NAME)

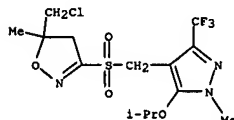


RN 479638-58-9 CAPLUS
 CN Isoxazole, 5-(chloromethyl)-3-[[5-(2,2-difluoroethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5-methyl- (9CI) (CA INDEX NAME)

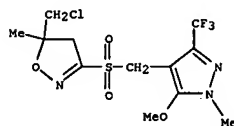
L6 ANSWER 26 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 479638-37-4 CAPLUS
 CN Isoxazole, 5-(chloromethyl)-4,5-dihydro-5-methyl-3-[[1-methyl-5-(1-methylethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

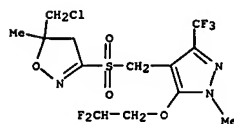


RN 479638-52-3 CAPLUS
 CN Isoxazole, 5-(chloromethyl)-4,5-dihydro-3-[[5-methoxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-5-methyl- (9CI) (CA INDEX NAME)

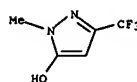


RN 479638-55-6 CAPLUS
 CN Isoxazole,
 5-(chloromethyl)-3-[[5-ethoxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5-methyl- (9CI) (CA INDEX NAME)

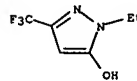
L6 ANSWER 26 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 122431-37-2, 1-Methyl-3-(trifluoromethyl)-1H-pyrazol-5-ol
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of isoxazoline derivs. as herbicides)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



IT 143706-75-6P, 1-Ethyl-3-(trifluoromethyl)-1H-pyrazol-5-ol
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of isoxazoline derivs. as herbicides)
 RN 143706-75-6 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-ethyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L6 ANSWER 27 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

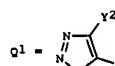
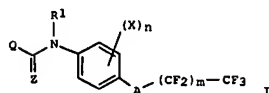
ACCESSION NUMBER: 2002:927408 CAPLUS

DOCUMENT NUMBER: 138:14057

TITLE: Preparation of substituted anilide derivatives as agricultural and horticultural chemicals
 INVENTOR(S): Furuya, Takashi; Yamaguchi, Minoru; Tohnishi, Masanori; Seo, Akira; Morimoto, Masayuki; Takemoto, Tsuyoshi; Fujioaka, Shinsuke
 PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 78 pp.
 CODEN: PIXXD2
 Patent
 DOCUMENT TYPE: Japanese
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002096882	A1	20021205	WO 2002-JP5285	20020530
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CH, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2447640	A1	20021205	CA 2002-2447640	20020530
JP 2003048878	A	20030221	JP 2002-157757	20020530
EP 1400516	A1	20040324	EP 2002-730796	20020530
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002009726	A	20040420	BR 2002-9726	20020530
CN 1512986	A	20040714	CN 2002-810844	20020530
RU 2266285	C2	20051220	RU 2003-134631	20020530
ZA 2003008813	A	20041123	ZA 2003-8813	20031112
US 2004116744	A1	20040617	US 2003-478834	20031126
PRIORITY APPLM. INFO.:			JP 2001-164787	A 20010531
			WO 2002-JP5285	W 20020530

OTHER SOURCE(S): MARPAT 138:14057
 GI



L6 ANSWER 28 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

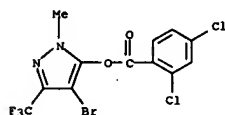
ACCESSION NUMBER: 2002:855864 CAPLUS

DOCUMENT NUMBER: 139:214344

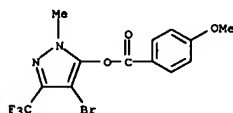
TITLE: Product class 1: pyrazoles
 AUTHOR(S): Stanovnik, B.; Svete, J.
 CORPORATE SOURCE: Faculty of Chemistry and Chemical Technology, Division of Organic Chemistry, Ljubljana, 61000, Slovenia
 SOURCE: Science of Synthesis (2002), 12, 15-225
 CODEN: SSCYJ9
 PUBLISHER: Georg Thieme Verlag
 DOCUMENT TYPE: Journal; General Review
 LANGUAGE: English

AB A review. Methods for preparing pyrazoles are reviewed including cyclization, ring transformation, aromatization and substituent modifications.
 IT 211256-72-3 211256-73-4 211256-74-5
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of pyrazoles via cyclization, ring transformation, aromatization and substituent modifications)

RN 211256-72-3 CAPLUS
 CN Benzoic acid, 2,4-dichloro-, 4-bromo-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl ester (9CI) (CA INDEX NAME)



RN 211256-73-4 CAPLUS
 CN Benzoic acid, 4-methoxy-, 4-bromo-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl ester (9CI) (CA INDEX NAME)



RN 211256-74-5 CAPLUS
 CN 1H-Pyrazol-5-yl, 4-bromo-1-methyl-3-(trifluoromethyl)-, benzoate (ester) (9CI) (CA INDEX NAME)

L6 ANSWER 27 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

AB The title compds. I (R1 is hydrogen, C1-6 alkyl, C1-6 haloalkyl, or the like; A is (CR2R3)p; R2 is hydrogen, halogeno, or C1-6 haloalkyl; R3 is hydrogen, halogeno, C1-6 alkyl, or the like; p is 0 or 1; m is an integer of 0 to 6; when p is 0, X is C2-8 alkyl, C1-8 alkoxy, or the like, while when p is 1, X is halogeno, cyano, or the like; n is an integer of 1 to 4;

Z is O or S; and Q is Q1, etc.; Y2 is halo, etc.] are prepared Aniline intermediates for I are disclosed. I are useful as insecticides, acaricides, and fungicides. Comps. of this invention at 500 ppm gave ≥ 90% control of Tetranychus urticae.

IT 477737-53-4P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);

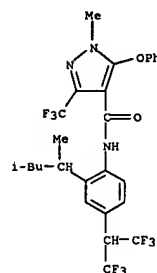
USES

(Uses)

(preparation of substituted anilide derivs. as insecticides, acaricides, and fungicides)

RN 477737-53-4 CAPLUS

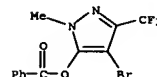
CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethylbutyl)-4-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]phenyl]-1-methyl-5-phenoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

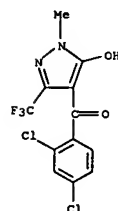
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L6 ANSWER 28 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

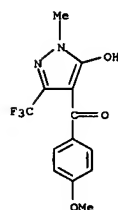


IT 211256-75-6P 211256-76-7P 211256-77-8P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of pyrazoles via cyclization, ring transformation, aromatization and substituent modifications)

RN 211256-75-6 CAPLUS
 CN Methanone, [2,4-dichlorophenyl][5-hydroxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]- (9CI) (CA INDEX NAME)



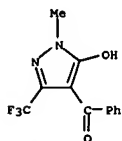
RN 211256-76-7 CAPLUS
 CN Methanone, [5-hydroxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl][4-methoxyphenyl]- (9CI) (CA INDEX NAME)



RN 211256-77-8 CAPLUS

10/521,593

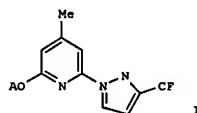
L6 ANSWER 28 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 CN Methanone,
 [5-hydroxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]phenyl-
 (9CI) (CA INDEX NAME)



REFERENCE COUNT: 909 THERE ARE 909 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

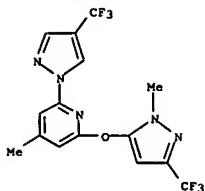
L6 ANSWER 29 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2002:688553 CAPLUS
 DOCUMENT NUMBER: 137:181107
 TITLE: Herbicidal
 2-aryloxy-4-methyl-6-pyrazol-1-yl-pyridines
 INVENTOR(S): Maier, Thomas; Kleemann, Axel; Scheiblich, Stefan; Baltruschat, Helmut Siegfried
 PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
 SOURCE: U.S., 9 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6448204	B1	20020910	US 2000-708203	20001108
PRIORITY APPL. INFO.:			US 1999-166004P	P 19991117
OTHER SOURCE(S):		MARPAT 137:181107		

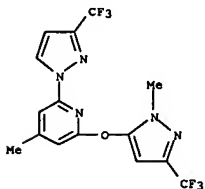


AB Comps. I (A = (un)substituted aryl, (un)substituted 5- or 6-membered nitrogen- or sulfur-containing heterocycle, or difluorobenzodioxolyl), or agriculturally acceptable salts or N-oxides thereof possess herbicidal activity and are used in herbicidal compns. together with an agronomically acceptable carrier.
 IT 340690-18-8
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
 (herbicide)
 RN 340690-18-8 CAPLUS
 CN Pyridine,
 4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-
 [4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

L6 ANSWER 29 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

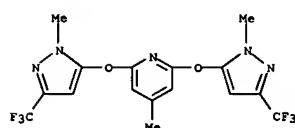


IT 340690-14-4P, 4-Methyl-2-[[3-(trifluoromethyl)-1H-pyrazol-1-yl]-6-(1-methyl-3-trifluoromethyl-pyrazol-5-yloxy)-pyridine
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);
 USES
 (Uses)
 (preparation as herbicide)
 RN 340690-14-4 CAPLUS
 CN Pyridine,
 4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-
 [3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



IT 159595-74-1, 2,6-bis[1-methyl-3-(trifluoromethyl)pyrazol-5-yloxy]-4-methylpyridine
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation herbicidal 2-aryloxy-4-methyl-6-pyrazol-1-yl-pyridines)
 RN 159595-74-1 CAPLUS
 CN Pyridine, 4-methyl-2,6-bis[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

L6 ANSWER 29 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



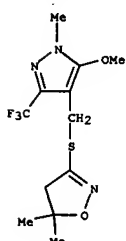
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L6 ANSWER 30 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2002:615582 CAPLUS
 DOCUMENT NUMBER: 137:169538
 TITLE: Preparation of isoxazoline derivatives and herbicides comprising the same as active ingredients
 INVENTOR(S): Nakatani, Masao; Kugo, Ryotaro; Miyazaki, Masahiro; Kaku, Koichiro; Fujinami, Makoto; Ueno, Ryohei; Takahashi, Satoru
 PATENT ASSIGNEE(S): Kumiai Chemical Industry Co., Ltd., Japan; Ihara Chemical Industry Co., Ltd.
 SOURCE: PCT Int. Appl., 281 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

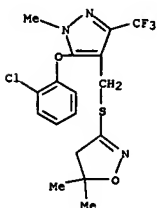
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002062770	A1	20020815	WO 2002-JP1015	20020207
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
JP 2002308857	A	20021023	JP 2001-215942	20010716
CA 2438547	A1	20020815	CA 2002-2438547	20020207
EP 1364946	A1	20031126	EP 2002-701539	20020207
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
BR 2002007025	A	20040217	BR 2002-7025	20020207
CA 2438547	A	20040421	CN 2002-804675	20020207
CN 1491217	A2	20040830	HU 2004-723	20020207
HU 200400723	A	20050729	NZ 2002-527032	20020207
NZ 527032	A	20050928	CN 2005-1006670	20020207
CN 1673221	C2	20061110	RU 2003-127064	20020207
RU 2286989	A1	20040610	US 2003-250937	20031222
US 2004110749			JP 2001-31784	A 20010208
PRIORITY APPLN. INFO.:			CN 2002-804675	A3 20020207
			WO 2002-JP1015	W 20020207

OTHER SOURCE(S): MARPAT 137:169538
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L6 ANSWER 30 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

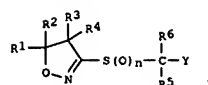


RN 447402-18-8 CAPLUS
 CN Isoxazole, 3-[[[5-(2-chlorophenoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



RN 447402-19-9 CAPLUS
 CN Isoxazole, 3-[[[5-(cyclopentylloxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

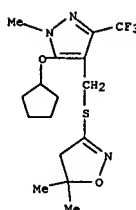
L6 ANSWER 30 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



AB Isoxazoline derivs. which are represented by the general formula [I]; wherein R1, R2 = H, C1-10 alkyl, C3-8 cycloalkyl, C3-8 cycloalkyl-C1-3 alkyl; or CR1R2 together represents a C3-7 spiro ring; R3, R4 = H, C1-10 alkyl, C3-8 cycloalkyl; or CR3R4 together represents a C3-7 spiro ring; or CR1R2-CR3R4 together forms a 5- to 8-membered ring; Y = aromatic heterocyclic group or aromatic condensed heterocyclic group which has a heteroatom selected from among N, O, and S atom, has five or six members, and may be substituted; n = an integer of 0 to 2] are prepared. The isoxazoline deriva.

I exhibit excellent herbicidal effect and selectivity between a crop and a weed. Thus, thiolation of 5,5-dimethyl-3-methylsulfonyl-2-isoxazoline by sodium sulfide hydrate in DMF for 2 h followed by alkylation with 4-bromomethyl-5-chloro-1-phenyl-3-trifluoromethyl-1H-pyrazole in the presence of K2CO3 and Rongalite at room temperature for 15 gave 65.5% 3-[(5-chloro-1-phenyl-3-trifluoromethyl-1H-pyrazol-4-yl)methylthio]-5,5-dimethyl-2-isoxazoline which was oxidized by m-chloroperoxybenzoic acid in CHCl3 at room temperature for 22 h to give 83.2% 3-[(5-chloro-1-phenyl-3-trifluoromethyl-1H-pyrazol-4-yl)methylsulfonyl]-5,5-dimethyl-2-isoxazoline (II). II at 1,000 g/ha preemergence controlled ≥90% Echinochloa crus-galli and Monochoria vaginalis in flooded rice paddy soil. 447402-17-7P 447402-18-8P 447402-19-9P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (preparation of isoxazoline derivs. as herbicides)
 RN 447402-17-7 CAPLUS
 CN Isoxazole, 4,5-dihydro-3-[[[5-methoxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]thio]-5,5-dimethyl- (9CI) (CA INDEX NAME)

L6 ANSWER 30 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

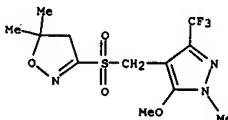


IT 447399-27-1P 447399-28-2P 447399-29-3P
 447399-43-1P 447399-45-3P 447399-46-4P
 447399-47-5P 447399-48-6P 447399-49-7P
 447399-50-0P 447399-51-1P 447399-52-2P
 447399-53-3P 447399-54-4P 447399-55-5P
 447399-58-8P 447399-59-9P 447399-60-2P
 447399-61-3P 447399-62-4P 447399-63-5P
 447399-64-6P 447399-65-7P 447399-66-8P
 447399-67-9P 447399-68-0P 447400-16-0P
 447400-87-5P

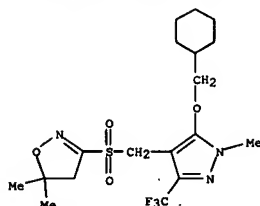
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);

USES (Uses) (preparation of isoxazoline derivs. as herbicides)

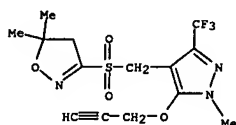
RN 447399-27-1 CAPLUS
 CN Isoxazole, 4,5-dihydro-3-[[[5-methoxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-5,5-dimethyl- (9CI) (CA INDEX NAME)



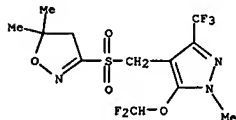
RN 447399-28-2 CAPLUS
 CN Isoxazole, 3-[[[5-(2-chlorophenoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-5,5-dimethyl- (9CI) (CA INDEX NAME)



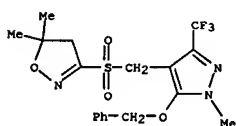
RN 447399-54-4 CAPLUS
CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[1-methyl-5-(2-propynyloxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)



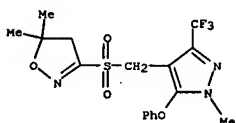
RN 447399-55-5 CAPLUS
CN Isoxazole, 3-[[[5-(2,2-difluoroethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



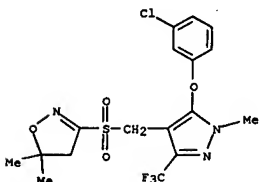
RN 447399-58-8 CAPLUS
CN Isoxazole, 3-[[[5-(2,2-difluoroethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



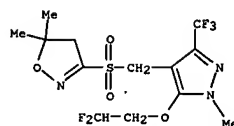
RN 447399-62-4 CAPLUS
CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[1-methyl-5-phenoxy-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)



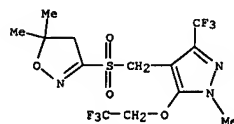
RN 447399-63-5 CAPLUS
CN Isoxazole, 3-[[[5-(3-chlorophenoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)



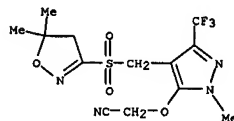
RN 447399-64-6 CAPLUS
CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[5-(3-methoxyphenoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-5,5-dimethyl- (9CI) (CA INDEX NAME)



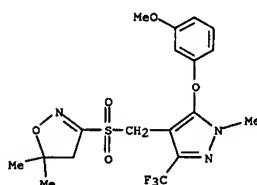
RN 447399-59-9 CAPLUS
CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)



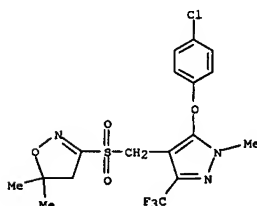
RN 447399-60-2 CAPLUS
CN Acetonitrile, [[4-[[[4,5-dihydro-5,5-dimethyl-3-isoxazolyl]sulfonyl]methyl]-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)



RN 447399-61-3 CAPLUS
CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[1-methyl-5-(phenylmethoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

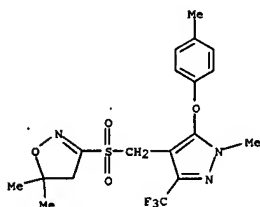


RN 447399-65-7 CAPLUS
CN Isoxazole, 3-[[[5-(4-chlorophenoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl- (9CI) (CA INDEX NAME)

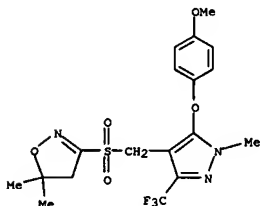


RN 447399-66-8 CAPLUS
CN Isoxazole, 4,5-dihydro-5,5-dimethyl-3-[[[1-methyl-5-(4-methylphenoxy)-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]- (9CI) (CA INDEX NAME)

L6 ANSWER 30 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

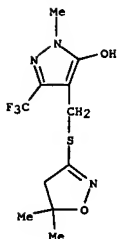


RN 447399-67-9 CAPLUS
 CN Isoxazole, 3-[[[1-(4-methoxyphenoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl-1H-pyrazol-5-ol, acetate (ester) (9CI) (CA INDEX NAME)

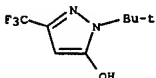


RN 447399-68-0 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-[[[4,5-dihydro-5,5-dimethyl-3-isoxazolyl]sulfonyl]methyl]-1-methyl-3-(trifluoromethyl)-, acetate (ester) (9CI) (CA INDEX NAME)

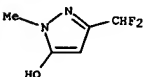
L6 ANSWER 30 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 122431-41-8P, 1-tert-Butyl-3-trifluoromethyl-1H-pyrazol-5-ol
 129922-58-3P, 3-Difluoromethyl-1-methyl-1H-pyrazol-5-ol
 447401-84-5P, 1-tert-Butyl-5-methoxy-3-trifluoromethyl-1H-pyrazole
 447401-85-6P, 1-tert-Butyl-4-chloromethyl-5-methoxy-3-trifluoromethyl-1H-pyrazole
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of isoxazoline derivs. as herbicides)
 RN 122431-41-8 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-(1,1-dimethylethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

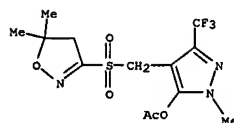


RN 129922-58-3 CAPLUS
 CN 1H-Pyrazol-5-ol, 3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)

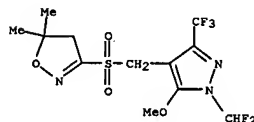


RN 447401-84-5 CAPLUS
 CN 1H-Pyrazole, 1-(1,1-dimethylethyl)-5-methoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

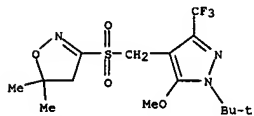
L6 ANSWER 30 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 447400-16-0 CAPLUS
 CN Isoxazole, 3-[[[1-(difluoromethyl)-5-methoxy-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl-1H-pyrazol-5-ol (9CI) (CA INDEX NAME)

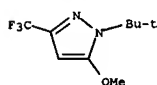


RN 447400-87-5 CAPLUS
 CN Isoxazole, 3-[[[1-(1,1-dimethylethyl)-5-methoxy-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethyl-1H-pyrazol-5-ol (9CI) (CA INDEX NAME)

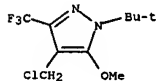


IT 447402-29-1
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of isoxazoline derivs. as herbicides)
 RN 447402-29-1 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-[[[4,5-dihydro-5,5-dimethyl-3-isoxazolyl]thio]methyl]-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 30 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 447401-85-6 CAPLUS
 CN 1H-Pyrazole, 4-(chloromethyl)-1-(1,1-dimethylethyl)-5-methoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L6 ANSWER 31 OF 80 CAPLUS COPYRIGHT 2007 ACS ON STN
 ACCESSION NUMBER: 2002:332160 CAPLUS
 DOCUMENT NUMBER: 136:355152
 TITLE: Preparation of pyrrolidine modulators of CCR5 chemokine receptor activity
 INVENTOR(S): Hale, Jeffrey J.; Lynch, Christopher L.; Caldwell, Charles G.; Willoughby, Christopher A.; Kim, Dooseop; Shen, Dong-Ming; Mills, Sander G.; Chapman, Kevin T.; Chen, Liya; Gentry, Amy; MacCoss, Malcolm
 PATENT ASSIGNEE(S): Merck & Co., Inc., USA
 SOURCE: PCT Int. Appl., 203 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

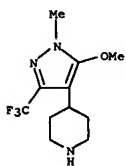
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002034716	A2	20020502	WO 2001-US42562	20011009
WO 2002034716	A3	20020808		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CH, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2425288	A1	20020502	CA 2001-2425288	20011009
AU 2002030394	A5	20020506	AU 2002-30394	20011009
EP 1326619	A2	20030716	EP 2001-988709	20011009
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2004512323	T	20040422	JP 2002-537709	20011009
US 2004087552	A1	20040506	US 2003-399084	20030717
US 7125887	B2	20061024		
PRIORITY APPL. INFO.:			US 2000-239481P	P 20001011
			WO 2001-US42562	W 20011009

OTHER SOURCE(S): MARPAT 136:355152
 GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I (R1 = CO₂H, NO₂ tetrazolyl, hydroxyisoxazole, SO₂NHCO-alkyl, P(O)(OH)(ORa); R₂ is independently selected from = H, alkyl, cycloalkyl, benzyl, phenyl; R₃ = piperidinyl, pyrrolidinyl, etc.; R₄ = (un)substituted Ph, naphthyl, heterocycle; R₅ = H, alkyl, cycloalkyl, etc.; R₅ = H, alkyl or R₄-5 together with the carbon atom to which they

L6 ANSWER 31 OF 80 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)
 RN receptor activity
 CN 419572-16-0 CAPLUS
 4-[5-methoxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]-piperidine (9CI) (CA INDEX NAME)



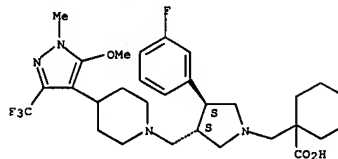
L6 ANSWER 31 OF 80 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)
 are attached form a 3-8-membered (un)substituted cycloalkyl ring; R_{6a}-6b = alk(en/yn)yl, cycloalkyl, Ph, naphthyl, heterocycle or R_{6a}-6b together with the carbon atom to which they are attached form 3-8-membered (un)substituted satd. carbocyclic ring, etc.; R₇ = H, alkyl; R₈ = H, alkyl were prep. Examples include data for over 100 synthesized compds.

For instance, (3R,4S)-3-(tert-butylidimethylsilyloxymethyl)-4-(3-fluorophenyl)pyrrolidine (prepd. in 5 steps from trans-(3-fluoro)cinnamic acid and (S)-4-benzylloxazolidin-2-one) was used to reductively alkylate 1-formylcyclohexanecarboxylic acid benzyl ester (prepn. given; CH₂Cl₂, NaH(OAc)₃). This intermediate was desilylated (THF, TBAF, 0°C), the resulting alc. oxidized (CH₂Cl₂, DMSO, ClCOCOCl, -60°C) and the aldehyde alkylated as above with 4-(2-ethyl-4,5,6,7-tetrahydropyrazolo[1,5-a]pyridin-3-yl)piperidine hydrochloride (prepn. given). Debenzylation of the ester intermediate provided example compd. II. Example compds. had IC₅₀ < 5 μM for the CCR5 receptor. I are useful in the prevention or treatment of infection by HIV and the treatment of AIDS or as ingredients in pharmaceutical compns., optionally in combination with other antivirals, immunomodulators, antibiotics or vaccines. Methods of treating AIDS and methods of preventing or treating infection by HIV are also described.

IT 419570-72-2P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (drug; preparation of pyrrolidine modulators of CCR5 chemokine receptor activity)

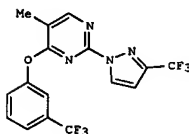
RN 419570-72-2 CAPLUS
 CN Cyclohexanecarboxylic acid, 1-[[[(3S,4S)-3-(3-fluorophenyl)-4-[[4-(5-methoxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]-1-piperidinyl)methyl]-1-pyrrolidinyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 419572-16-0P, 4-(5-Methoxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl)piperidine
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (intermediate; preparation of pyrrolidine modulators of CCR5 chemokine receptor activity)

L6 ANSWER 32 OF 80 CAPLUS COPYRIGHT 2007 ACS ON STN
 ACCESSION NUMBER: 2001:915244 CAPLUS
 DOCUMENT NUMBER: 136:200158
 TITLE: N-azolyl phenoxypyrimidine herbicides: novel inhibitors of carotenoid biosynthesis Part I
 AUTHOR(S): Selby, Thomas P.; Drumm, Joseph E.; Coats, Reed A.; Coppo, Frank T.; Gee, Stephen K.; Hay, James V.; Pasteris, Robert J.; Stevenson, Thomas M.
 CORPORATE SOURCE: Stine-Haskell Research Center, DuPont Corp
 Protection,
 SOURCE: Newark, DE, 19714, USA
 ACS Symposium Series (2002), 800(Synthesis and Chemistry of Agrochemicals VI), 74-84
 CODEN: ACSMCH; ISSN: 0097-6156
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 136:200158
 GI



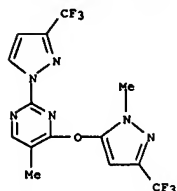
AB Substituted 2-azolyl-4-phenoxypyrimidines represent a new family of highly active herbicides that act by inhibiting carotenoid biosynthesis. Azole substituents on the pyrimidine ring are nitrogen-linked and include pyrazole, imidazole, and triazole. These compds. are active preemergence and postemergence but tend to be more active preemergence. Selectivity was observed on wheat, corn, and soybeans. There was particular

interest in these compds. as cereal herbicides for preemergent and early-postemergent weed control. High field efficacy was observed, particularly on broadleaf weeds. Pyrazolylpyrimidine I showed optimum activity in cereal field trials and gave excellent broadleaf weed control at rates as low as 5-10 g/ha, with good wheat safety. This paper will focus on chemical synthesis, biol., structure-activity relationships, mode-of-action, and field activity for compds. of this herbicide class.

IT 213334-10-2P
 RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation and structure-activity relationships of herbicidal (azolyl)phenoxypyrimidines)

RN 213334-10-2 CAPLUS
 CN Pyrimidine,
 5-methyl-4-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

L6 ANSWER 32 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

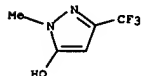


IT 122431-37-2

RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation and structure-activity relationships of herbicidal
(azolyl)phenoxy-pyrimidines)

RN 122431-37-2 CAPLUS

CN 1H-Pyrazol-5-yl, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L6 ANSWER 33 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:376803 CAPLUS

DOCUMENT NUMBER: 134:366871

TITLE: Preparation of herbicidal
2-aryloxy-4-methyl-6-pyrazol-

1-yl-pyridines

INVENTOR(S): Maier, Thomas; Kleemann, Axel; Scheiblich, Stefan;

Siegfried, Helmut

PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany

SOURCE: Eur. Pat. Appl., 16 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

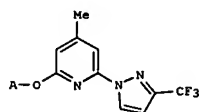
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1101764	A1	20010523	EP 2000-125058	20001117
EP 1101764	B1	20031022		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
IE, SI, LT, LV, FI, RO				
CA 2326020	A1	20010517	CA 2000-2326020	20001116
AT 252573	T	20031115	AT 2000-125058	20001117
PRIORITY APPL. INFO.:			US 1999-441871	A 19991117

OTHER SOURCE(S): MARPAT 134:366871

GI



AB Title compds. (I) [wherein A = (un)substituted aryl, 5- or 6-membered N-
or S-containing heteroatom, or difluorobenzodioxolyl] and compns.
containing I

were prepared and tested as herbicides. Thus, a mixture of
2,6-bis(1-methyl-3-(trifluoromethyl)pyrazol-5-yloxy)-4-methylpyridine,
3-(trifluoromethyl)-1H-pyrazole, NaH, and sulfolan was heated at
80°C for 3 h to give I [A = 1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-
yl] (II). In pre-emergence herbicidal evaluations at 0.1 kg/ha, II
controlled velvetweed, ragweed, sicklepod, deadnettle, mayweed,
chickweed,
blackgrass, crabgrass, barnyard grass, ryegrass, and foxtail with only
slight effect on corn. In post-emergence tests at 0.1 kg/ha, II
controlled twelve of thirteen weed species, while a comparison herbicide
was active on only four species.

IT 340690-14-4P, 4-Methyl-2-[(1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl)oxy]-6-(1-

L6 ANSWER 33 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

methyl-3-(trifluoromethyl)pyrazol-5-yloxy)pyridine 340690-18-8P,

2-(1-Methyl-3-(trifluoromethyl)pyrazol-5-yloxy)-6-(4-(trifluoromethyl)pyrazol-
1-yl)-4-methylpyridine

RL: BAC (Biological activity or effector, except adverse); BSU

(Biological

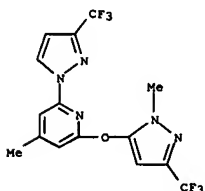
study, unclassified); SPN (Synthetic preparation); BIOL (Biological

study); PREP (Preparation)

(prepn. of herbicidal 2-aryloxy-4-methyl-6-pyrazol-1-yl-pyridines)

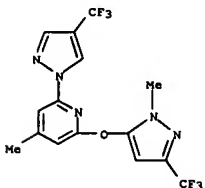
RN 340690-14-4 CAPLUS

CN Pyridine,

4-methyl-2-[(1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl)oxy]-6-
[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

RN 340690-18-8 CAPLUS

CN Pyridine,

4-methyl-2-[(1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl)oxy]-6-
[4-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)IT 159595-74-1, 2,6-Bis(1-methyl-3-(trifluoromethyl)pyrazol-5-yloxy)-4-
methylpyridine

RL: RCT (Reactant); RACT (Reactant or reagent)

(reactant; preparation of herbicidal

2-aryloxy-4-methyl-6-pyrazol-1-yl-

pyridines)

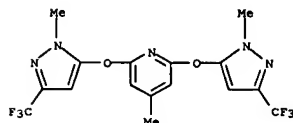
RN 159595-74-1 CAPLUS

CN Pyridine, 4-methyl-2,6-bis[(1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-

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L6 ANSWER 33 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

yl)oxy]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

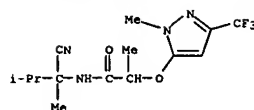
L6 ANSWER 34 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:237853 CAPLUS
 DOCUMENT NUMBER: 134:266304
 TITLE: Preparation of heteroaryloxy(thio)alkanecarboxamides and their use as agrochemical fungicides
 INVENTOR(S): Masuda, Katsumi; Urushihata, Ikumi; Matsumoto, Katsunori; Yonekura, Norihisa; Kose, Katsumi; Toyoshima, Atsushi; Kumakura, Kazuo; Muramatsu, Norimitsu
 PATENT ASSIGNEE(S): Kumiai Chemical Industry Co., Ltd., Japan; Ihara Chemical Industry Co., Ltd.
 SOURCE: Jpn. Kokai Tokkyo Koho, 23 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

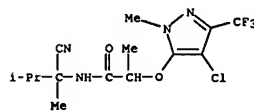
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001089453	A	20010403	JP 1999-266612	19990921
PRIORITY APPLN. INFO.:			JP 1999-266612	19990921

OTHER SOURCE(S): MARPAT 134:266304
 AB WACHRICONHCA2R3Q [W = (un)substituted heteroaryl; A = O, S; R1 = H, C1-6 alkyl, C3-6 cycloalkyl; R2 = C1-6 alkyl, C3-6 cycloalkyl; R3 = C2-6 alkyl, C3-6 (un)substituted cycloalkyl, etc.; CR2R3 may form 5- to 7-membered (C1-6 alkyl-substituted) cycloalkyl; Q = ethynyl, cyano, COR4, CHR4OH; R4 = C1-6 alkyl, C1-4 haloalkyl, (un)substituted C3-6 cycloalkyl] are prepared
 The heteroaryl compds. show strong long-lasting antifungal activity without harming crops, and also good rain resistance. Thus, condensation of 1-(4-chlorophenyl)-5-hydroxy-3-methylpyrazole with 2-bromo-N-(1-cyano-1,2-dimethylpropyl)propionamide gave
 2-[[1-(4-chlorophenyl)-3-methylpyrazol-5-yloxy]-N-(1-cyano-1,2-dimethylpropyl)propionamide, which showed 100% antifungal activity against *Pyricularia oryzae*.
 IT 331871-37-5P 331871-38-6P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of heteroaryloxy(thio)alkanecarboxamides as agrochem. fungicides)
 RN 331871-37-5 CAPLUS
 CN Propanamide, N-(1-cyano-1,2-dimethylpropyl)-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

L6 ANSWER 34 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

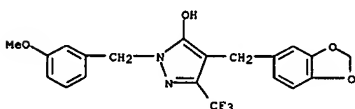


RN 331871-38-6 CAPLUS
 CN Propanamide, 2-[[4-chloro-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-N-(1-cyano-1,2-dimethylpropyl)- (9CI) (CA INDEX NAME)



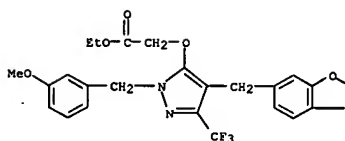
L6 ANSWER 35 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:458347 CAPLUS
 DOCUMENT NUMBER: 133:217266
 TITLE: Nonpeptide endothelin antagonists: from lower affinity
 pyrazol-5-ols to higher affinity pyrazole
 -5-carboxylic acids
 AUTHOR(S): Zhang, Jidong; Didierlaurent, Stanislas; Fortin, Michel; Lefrancois, Dominique; Uridat, Eric; Vevret, Jean Paul
 CORPORATE SOURCE: Medicinal Chemistry, Hoechst Marion Roussel,
 SOURCE: Romainville, 93235, Fr.
 Bioorganic & Medicinal Chemistry Letters (2000), 10(12), 1351-1355
 CODEN: BMCL88; ISSN: 0960-894X
 PUBLISHER: Elsevier Science Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Random screening of compds. in endothelin receptor (ETA and ETB) binding assays led to the discovery of a new class of pyrazol-5-ol ligands. Characterization of structural features crucial for binding activities of these pyrazol-5-ols, by structure-activity-relationship (SAR) studies, allowed the authors to design a novel class of pyrazole
 -5-carboxylic acids as more potent ET antagonists.
 IT 179108-97-5P 179109-46-7P
 RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);
 PROC (Process); RACT (Reactant or reagent) (nonpeptide endothelin antagonists by preparation of lower affinity pyrazolols and higher affinity pyrazole carboxylic acids)
 RN 179108-97-5 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-[(1,3-benzodioxol-5-yl)methyl]-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

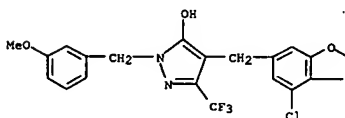


RN 179109-46-7 CAPLUS
 CN Acetic acid, [[4-(1,3-benzodioxol-5-yl)methyl]-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-, ethyl ester (9CI) (CA INDEX NAME)

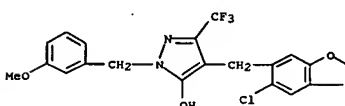
L6 ANSWER 35 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 179108-98-6P 179108-99-7P 179109-00-3P
 179109-01-4P 179109-04-7P 179109-07-0P
 179109-12-7P 179109-13-8P 179109-14-9P
 179109-15-0P 179109-19-4P 179109-20-7P
 179109-21-8P 179109-47-8P 179109-48-9P
 179109-52-5P 179109-97-8P 291757-89-6P
 291757-90-9P 291757-91-0P 291757-92-1P
 291757-93-2P 291757-94-3P 291757-97-6P
 RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); PROC (Process) (nonpeptide endothelin antagonists by preparation of lower affinity pyrazolols and higher affinity pyrazole carboxylic acids)
 RN 179108-98-6 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-[[7-chloro-1,3-benzodioxol-5-yl)methyl]-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

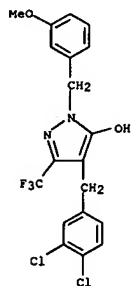


RN 179108-99-7 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-[[6-chloro-1,3-benzodioxol-5-yl)methyl]-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

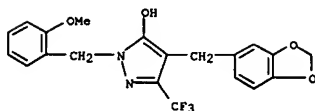


RN 179109-00-3 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-[(3,4-dichlorophenyl)methyl]-1-[(3-

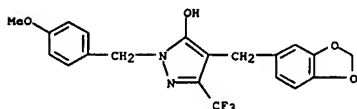
L6 ANSWER 35 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
methoxyphenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



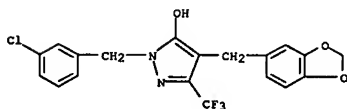
RN 179109-01-4 CAPLUS
CN 1H-Pyrazol-5-ol, 4-((1,3-benzodioxol-5-ylmethyl)-1-((2-methoxyphenyl)methyl)-3-(trifluoromethyl))- (9CI) (CA INDEX NAME)



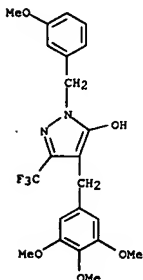
RN 179109-04-7 CAPLUS
CN 1H-Pyrazol-5-ol, 4-((1,3-benzodioxol-5-ylmethyl)-1-((4-methoxyphenyl)methyl)-3-(trifluoromethyl))- (9CI) (CA INDEX NAME)



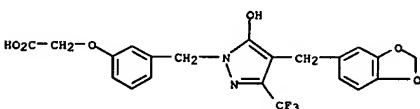
L6 ANSWER 35 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 179109-15-0 CAPLUS
CN 1H-Pyrazol-5-ol, 1-((3-methoxyphenyl)methyl)-3-(trifluoromethyl)-4-((3,4,5-trimethoxyphenyl)methyl)- (9CI) (CA INDEX NAME)

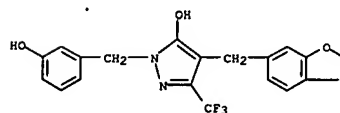


RN 179109-19-4 CAPLUS
CN Acetic acid, [3-[[4-((1,3-benzodioxol-5-ylmethyl)-5-hydroxy-3-(trifluoromethyl)-1H-pyrazol-1-yl)methyl]phenoxy]- (9CI) (CA INDEX NAME)

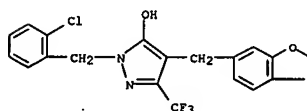


RN 179109-20-7 CAPLUS
CN 1H-Pyrazol-5-ol, 1,4-bis((1,3-benzodioxol-5-ylmethyl)-3-(trifluoromethyl))- (9CI) (CA INDEX NAME)

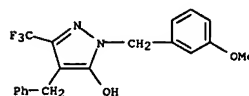
L6 ANSWER 35 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
RN 179109-07-0 CAPLUS
CN 1H-Pyrazol-5-ol, 4-((1,3-benzodioxol-5-ylmethyl)-1-((3-hydroxyphenyl)methyl)-3-(trifluoromethyl))- (9CI) (CA INDEX NAME)



RN 179109-12-7 CAPLUS
CN 1H-Pyrazol-5-ol, 4-((1,3-benzodioxol-5-ylmethyl)-1-((2-chlorophenyl)methyl)-3-(trifluoromethyl))- (9CI) (CA INDEX NAME)

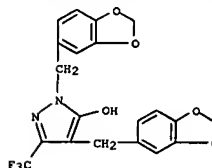


RN 179109-13-8 CAPLUS
CN 1H-Pyrazol-5-ol, 1-((3-methoxyphenyl)methyl)-4-(phenylmethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

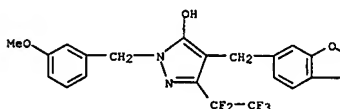


RN 179109-14-9 CAPLUS
CN 1H-Pyrazol-5-ol, 4-((1,3-benzodioxol-5-ylmethyl)-1-((3-chlorophenyl)methyl)-3-(trifluoromethyl))- (9CI) (CA INDEX NAME)

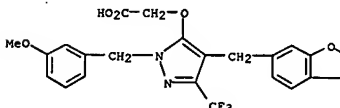
L6 ANSWER 35 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



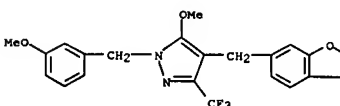
RN 179109-21-8 CAPLUS
CN 1H-Pyrazol-5-ol, 4-((1,3-benzodioxol-5-ylmethyl)-1-((3-methoxyphenyl)methyl)-3-(pentafluoroethyl))- (9CI) (CA INDEX NAME)



RN 179109-47-8 CAPLUS
CN Acetic acid, [[4-((1,3-benzodioxol-5-ylmethyl)-1-((3-methoxyphenyl)methyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl)oxy]- (9CI) (CA INDEX NAME)



RN 179109-48-9 CAPLUS
CN 1H-Pyrazole, 4-((1,3-benzodioxol-5-ylmethyl)-5-methoxy-1-((3-methoxyphenyl)methyl)-3-(trifluoromethyl))- (9CI) (CA INDEX NAME)

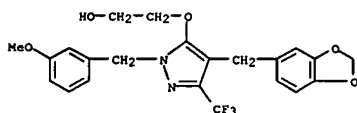


L6 ANSWER 35 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 179109-52-5 CAPLUS

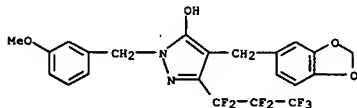
CN Ethanol,

2-[[4-(1,3-benzodioxol-5-ylmethyl)-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)



RN 179109-97-8 CAPLUS

CN 1H-Pyrazol-5-ol, 4-[(1,3-benzodioxol-5-ylmethyl)-3-(heptafluoropropyl)-1-[(3-methoxyphenyl)methyl]- (9CI) (CA INDEX NAME)



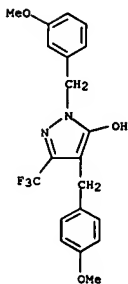
RN 291757-89-6 CAPLUS

CN 1H-Pyrazol-5-ol,

4-[(4-fluorophenyl)methyl]-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

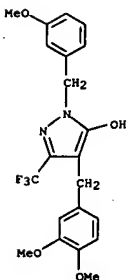


L6 ANSWER 35 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 291757-92-1 CAPLUS

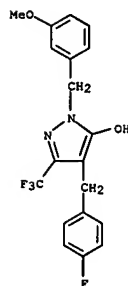
CN 1H-Pyrazol-5-ol, 4-[(3,4-dimethoxyphenyl)methyl]-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 291757-93-2 CAPLUS

CN 1H-Pyrazol-5-ol, 4-[(1,3-benzodioxol-5-ylmethyl)-1-(phenylmethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

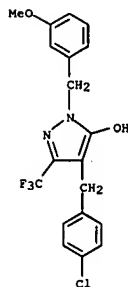
L6 ANSWER 35 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 291757-90-9 CAPLUS

CN 1H-Pyrazol-5-ol,

4-[(4-chlorophenyl)methyl]-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

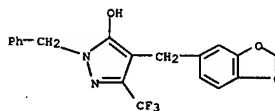


RN 291757-91-0 CAPLUS

CN 1H-Pyrazol-5-ol,

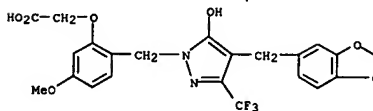
1-[(3-methoxyphenyl)methyl]-4-[(4-methoxyphenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 35 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



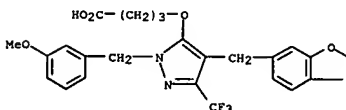
RN 291757-94-3 CAPLUS

CN Acetic acid, 2-[[4-(1,3-benzodioxol-5-ylmethyl)-5-hydroxy-3-(trifluoromethyl)-1H-pyrazol-1-yl]methyl]-5-methoxyphenoxy]- (9CI) (CA INDEX NAME)



RN 291757-97-6 CAPLUS

CN Butanoic acid, 4-[[4-(1,3-benzodioxol-5-ylmethyl)-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)



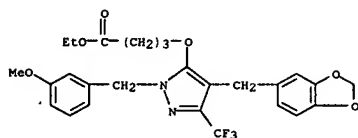
IT 291757-96-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(nonpeptide endothelin antagonists by preparation of lower affinity pyrazoles and higher affinity pyrazole carboxylic acids)

RN 291757-96-5 CAPLUS

CN Butanoic acid, 4-[[4-(1,3-benzodioxol-5-ylmethyl)-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-, ethyl ester (9CI) (CA INDEX NAME)

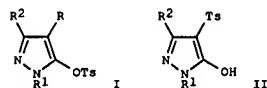
L6 ANSWER 35 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



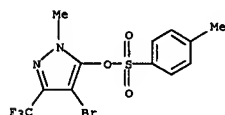
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L6 ANSWER 36 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1998:750951 CAPLUS
DOCUMENT NUMBER: 130:81451
TITLE: Electrophilic substitution reaction and a novel [1,3] rearrangement of 4-lithio-5-(p-toluenesulfonyloxy)pyrazoles
AUTHOR(S): Jeon, Dong Ju; Lee, Jung No; Lee, Kyu Chul; Kim, Hyoung Rae; Zong, Kyukwan; Ryu, Eung K.
CORPORATE SOURCE: Korea Research Institute of Chemical Technology, Taejeon, 305-600, S. Korea
SOURCE: Bulletin of the Korean Chemical Society (1998), 19(11), 1153-1155
CODEN: BKCSDE; ISSN: 0253-2964
PUBLISHER: Korean Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



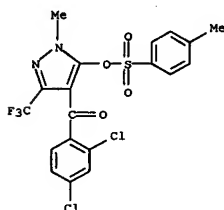
AB Lithiation of pyrazolyl tosylates I (R = Br; R1 = Me, Ph; R2 = CF3, Me), followed by reaction with acid chlorides, gave acylated derivs., such as I (R = C(=O)Ph; R1 = Me, R2 = CF3), in >70% yield. Fries rearrangement of I (R = Br; R1 = Me, Ph; R2 = CF3, Me) gave II in 32-48% yield.
IT 218621-59-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(electrophilic substitution and [1,3] rearrangement of 4-lithio-5-(p-toluenesulfonyloxy)pyrazoles)
RN 218621-59-1 CAPLUS
CN 1H-Pyrazol-5-ol, 4-bromo-1-methyl-3-(trifluoromethyl)-, 4-methylbenzenesulfonate (ester) (9CI) (CA INDEX NAME)



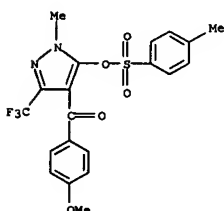
IT 211256-78-9P 211256-79-0P 211256-80-3P
218621-72-8P 218621-76-2P 218621-79-5P
218621-82-0P

L6 ANSWER 36 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RL: SPN (Synthetic preparation); PREP (Preparation)
(electrophilic substitution and [1,3] rearrangement of 4-lithio-5-(p-toluenesulfonyloxy)pyrazoles)
RN 211256-78-9 CAPLUS
CN Methanone,
(2,4-dichlorophenyl) [1-methyl-5-[[4-(4-methylphenyl)sulfonyl]oxy]-3-(trifluoromethyl)-1H-pyrazol-4-yl]- (9CI) (CA INDEX NAME)

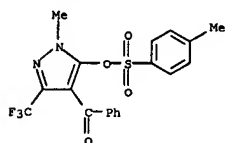


RN 211256-79-0 CAPLUS
CN Methanone,
(4-methoxyphenyl) [1-methyl-5-[[4-(4-methylphenyl)sulfonyl]oxy]-3-(trifluoromethyl)-1H-pyrazol-4-yl]- (9CI) (CA INDEX NAME)

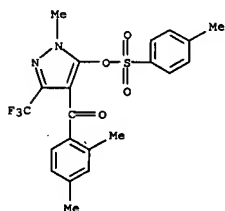


RN 211256-80-3 CAPLUS
CN Methanone,
[1-methyl-5-[[4-(4-methylphenyl)sulfonyl]oxy]-3-(trifluoromethyl)-1H-pyrazol-4-yl]phenyl- (9CI) (CA INDEX NAME)

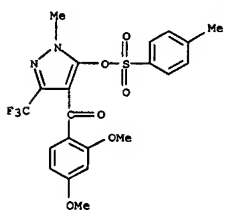
L6 ANSWER 36 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



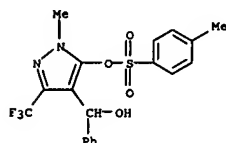
RN 218621-72-8 CAPLUS
CN Methanone,
(2,4-dimethylphenyl) [1-methyl-5-[[4-(4-methylphenyl)sulfonyl]oxy]-3-(trifluoromethyl)-1H-pyrazol-4-yl]- (9CI) (CA INDEX NAME)



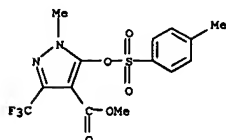
RN 218621-76-2 CAPLUS
CN Methanone, (2,4-dimethoxyphenyl) [1-methyl-5-[[4-(4-methylphenyl)sulfonyl]oxy]-3-(trifluoromethyl)-1H-pyrazol-4-yl]- (9CI) (CA INDEX NAME)



L6 ANSWER 36 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 RN 218621-79-5 CAPLUS
 CN 1H-Pyrazole-4-methanol, 1-methyl-5-[[[4-methylphenyl)sulfonyl]oxy]- α -phenyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 218621-82-0 CAPLUS
 CN 1H-Pyrazole-4-carboxylic acid, 1-methyl-5-[[[4-methylphenyl)sulfonyl]oxy]-3-(trifluoromethyl)-, methyl ester (9CI) (CA INDEX NAME)

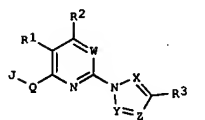


REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L6 ANSWER 37 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1998:621213 CAPLUS
 DOCUMENT NUMBER: 129:245165
 TITLE: Preparation of heteroaryl azole herbicides
 INVENTOR(S): Selby, Thomas P.
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA
 SOURCE: ECT Int. Appl., 107 pp.
 CODEN: FIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9840379	A1	19980917	WO 1998-US4600	19980309
W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GW, HU, ID, IL, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2280515	A1	19980917	CA 1998-2280515	19980309
AU 9868638	A	19980929	AU 1998-68638	19980309
AU 725548	B2	20001012		
EP 970072	A1	20000112	EP 1998-914235	19980309
R: DE, FR, GB, IT				
BR 9815453	A	20011023	BR 1998-15453	19980309
US 6172005	B1	20010109	US 1999-380425	19990901
PRIORITY APPLN. INFO.:			US 1997-39544P	19970311
			WO 1998-US4600	W 19980309

OTHER SOURCE(S): MARPAT 129:245165
 GI

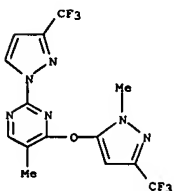


AB The title comps. (I; J = (un)substituted Ph, pyridyl, pyrazolyl, etc.; W = N, CR9; X, Y, Z = N, CH, CR9 (provided that only one of X, Y and Z = CR9); Q = O, S(O)n, NR10; R1, R2 = H, halo, CN, etc.; R3 = H, halo, Cl-4 alkoxyl, etc.; R9 = halo, CN, Cl-4 alkoxyl, etc.; R10 = H, Cl-4 alkyl, Cl-4 haloalkyl; n = 0-2), useful for controlling undesired vegetation, were

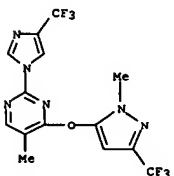
L6 ANSWER 37 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 prepd. Thus, reaction of 2,6-dibromopyridine with 3-trifluoromethyl-1H-pyrazole in the presence of K2CO3 in DMF followed by reacting the resulting 2-bromo-6-(3-trifluoromethyl-1H-pyrazol-1-yl)pyridine with 3-trifluoromethylphenol in the presence of K2CO3 in DMF afforded I (W = CH; Q = O; J = 3-(F3C)C6H4; R1 = R2 = H; R3 = CF3; X = N; Y = Z = CH) which showed 100% control against blackgrass and crabgrass at 2000 g/ha

in preemergence test.
 IT 213334-10-2P 213334-11-3P 213334-12-4P
 213334-13-5P 213334-14-6P 213334-15-7P
 213334-16-8P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of heteroaryl azole herbicides)

RN 213334-10-2 CAPLUS
 CN Pyrimidine, 5-methyl-4-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



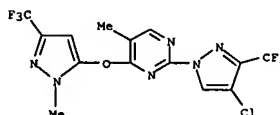
RN 213334-11-3 CAPLUS
 CN Pyrimidine, 5-methyl-4-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)



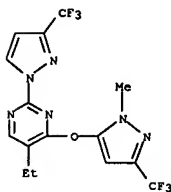
RN 213334-12-4 CAPLUS
 CN Pyrimidine, 2-[4-chloro-3-(trifluoromethyl)-1H-pyrazol-1-yl]-5-methyl-4-

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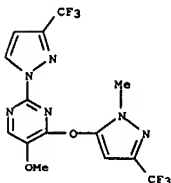
L6 ANSWER 37 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 [[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)



RN 213334-13-5 CAPLUS
 CN Pyrimidine, 5-ethyl-4-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



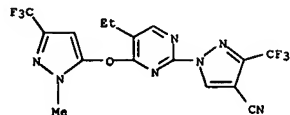
RN 213334-14-6 CAPLUS
 CN Pyrimidine, 5-methoxy-4-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



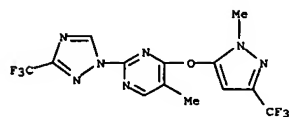
RN 213334-15-7 CAPLUS
 CN 1H-Pyrazole-4-carbonitrile, 1-[5-ethyl-4-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-pyrimidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX

10/521,593

L6 ANSWER 37 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 213334-16-8 CAPLUS
CN Pyrimidine,
5-methyl-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-
2-[3-(trifluoromethyl)-1H-1,2,4-triazol-1-yl]- (9CI) (CA INDEX NAME)



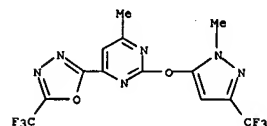
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
FORMAT RECORD. ALL CITATIONS AVAILABLE IN THE RE

L6 ANSWER 38 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1998:614274 CAPLUS
DOCUMENT NUMBER: 129:245168
TITLE: Preparation of oxadiazolylphenoxymethylpyrimidines as
herbicides
INVENTOR(S): Morimoto, Katsuyuki; Onari, Masatoshi; Teraji,
Hiroki;
Nawamaki, Tsutomu; Nakadaira, Kunimitsu; Ishikawa,
Kimihito
PATENT ASSIGNEE(S): Nissan Chemical Industries, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 80 pp.
CODEN: JXXXXF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10251255	A	19980922	JP 1997-61021	19970314
PRIORITY APPLN. INFO.:			JP 1997-61021	19970314

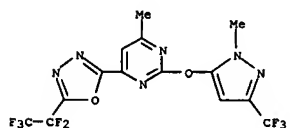
OTHER SOURCE(S): MARPAT 129:245168
AB Qa(CH₂)_nQbQc [n = 0-2; Qa = (substituted) Ph, (substituted) pyrazolyl,
(substituted), pyridyl; Qb = (substituted) pyridylene, pyrimidylene,
pyrazolylene, etc.; Qc = (substituted) pyrazolyl, oxadiazolyl,
thiadiazolyl, etc.; X = O, S, N-R62; R62 = H, C1-4 alkyl]. A PhMe
solution
of 1.5 g N'-[2-(3-trifluoromethylphenoxy)pyridine-3-
carbonyl]pentafluoropropionohydrazide was treated with POCl₃ under reflux
for 6 h to give 0.80 g 3-(5-pentafluoroethyl-1,3,4-oxadiazol-2-yl)-2-(3-
trifluoromethylphenoxy)pyridine, which showed good herbicidal activity.
IT 213320-75-3P 213320-77-5P 213320-78-6P
213320-83-3P 213320-84-4P 213320-85-5P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except
adverse); BSU (Biological study, unclassified); SPN (Synthetic
preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of oxadiazolylphenoxymethylpyrimidines as herbicides)
RN 213320-75-3 CAPLUS
CN Pyrimidine,
4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-
6-[5-(trifluoromethyl)-1,3,4-oxadiazol-2-yl]- (9CI) (CA INDEX NAME)



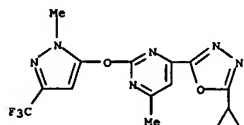
RN 213320-77-5 CAPLUS

L6 ANSWER 38 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

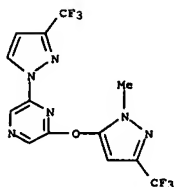
CN Pyrimidine,
4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-
6-[5-(pentafluoroethyl)-1,3,4-oxadiazol-2-yl]- (9CI) (CA INDEX NAME)



RN 213320-78-6 CAPLUS
CN Pyrimidine,
4-(5-cyclopropyl-1,3,4-oxadiazol-2-yl)-6-methyl-2-[[1-methyl-3-
(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

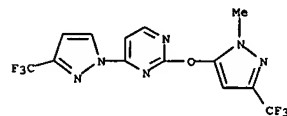


RN 213320-83-3 CAPLUS
CN Pyrazine, 2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-6-[3-
(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

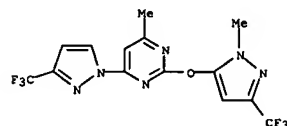


RN 213320-84-4 CAPLUS
CN Pyrimidine, 2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-[3-
(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

L6 ANSWER 38 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

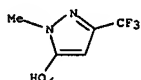


RN 213320-85-5 CAPLUS
CN Pyrimidine,
4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-
6-[3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



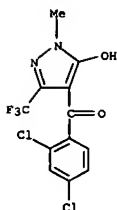
L6 ANSWER 39 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1998:413950 CAPLUS
 DOCUMENT NUMBER: 129:161526
 TITLE: Synthesis of new 4-benzoyl-5-hydroxy-3-trifluoromethylpyrazole derivatives via rearrangements of benzoyl group using tert-butyllithium
 AUTHOR(S): Jeon, Dong Ju; Yu, Dong Wook; Yun, Kyeong Yeol; Ryu, Eung K.
 CORPORATE SOURCE: Korea Research Institute of Chemical Technology, Taejeon, 305-600, S. Korea
 SOURCE: Synthetic Communications (1998), 28(12), 2159-2166
 CODEN: SYNCAV; ISSN: 0039-7911
 PUBLISHER: Marcel Dekker, Inc.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB The 4-benzoyl-3-trifluoromethyl-5-[(toluenesulfonyl)oxy]pyrazole derivs. were prepared by a procedure involving rearrangement of the benzoyl groups in 5-benzoyloxy-4-bromo-3-trifluoromethylpyrazole derivs. to 4-benzoyl-5-hydroxy-3-trifluoromethylpyrazoles via lithium-bromide exchange using tert-butyllithium.
 IT 122431-37-2
 RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of benzoyl(hydroxy)(trifluoromethyl)pyrazoles via rearrangement of benzoylpyrazole)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)-, (9CI) (CA INDEX NAME)

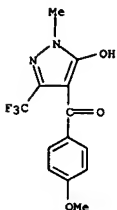


IT 122431-43-0P 211256-72-3P 211256-73-4P
 211256-74-5P 211256-75-6P 211256-76-7P
 211256-77-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of benzoyl(hydroxy)(trifluoromethyl)pyrazoles via rearrangement of benzoylpyrazole)
 RN 122431-43-0 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-bromo-1-methyl-3-(trifluoromethyl)-, (9CI) (CA INDEX NAME)

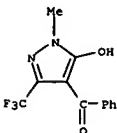
L6 ANSWER 39 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 pyrazol-4-yl]- (9CI) (CA INDEX NAME)



RN 211256-76-7 CAPLUS
 CN Methanone, [5-hydroxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl] (4-methoxyphenyl)- (9CI) (CA INDEX NAME)

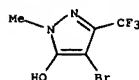


RN 211256-77-8 CAPLUS
 CN Methanone, [5-hydroxy-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]phenyl- (9CI) (CA INDEX NAME)

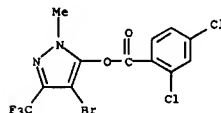


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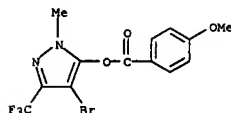
L6 ANSWER 39 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



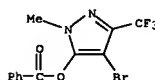
RN 211256-72-3 CAPLUS
 CN Benzoic acid, 2,4-dichloro-, 4-bromo-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl ester (9CI) (CA INDEX NAME)



RN 211256-73-4 CAPLUS
 CN Benzoic acid, 4-methoxy-, 4-bromo-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl ester (9CI) (CA INDEX NAME)



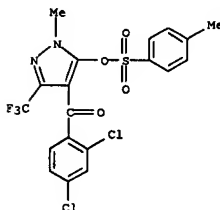
RN 211256-74-5 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-bromo-1-methyl-3-(trifluoromethyl)-, benzoate (ester) (9CI) (CA INDEX NAME)



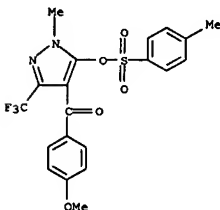
RN 211256-75-6 CAPLUS
 CN Methanone, (2,4-dichlorophenyl) [5-hydroxy-1-methyl-3-(trifluoromethyl)-1H-

L6 ANSWER 39 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

IT 211256-78-9P 211256-79-0P 211256-80-3P
 RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of benzoyl(hydroxy)(trifluoromethyl)pyrazoles via rearrangement of benzoylpyrazole)
 RN 211256-78-9 CAPLUS
 CN Methanone, (2,4-dichlorophenyl) [1-methyl-5-[[4-methylphenyl)sulfonyl]oxy]-3-(trifluoromethyl)-1H-pyrazol-4-yl]- (9CI) (CA INDEX NAME)

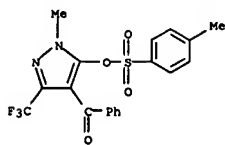


RN 211256-79-0 CAPLUS
 CN Methanone, (4-methoxyphenyl) [1-methyl-5-[[4-methylphenyl)sulfonyl]oxy]-3-(trifluoromethyl)-1H-pyrazol-4-yl]- (9CI) (CA INDEX NAME)



RN 211256-80-3 CAPLUS
 CN Methanone, [1-methyl-5-[[4-methylphenyl)sulfonyl]oxy]-3-(trifluoromethyl)-1H-pyrazol-4-yl]phenyl- (9CI) (CA INDEX NAME)

L6 ANSWER 39 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

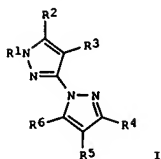
L6 ANSWER 40 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1998:112590 CAPLUS
DOCUMENT NUMBER: 128:180410
TITLE: Preparation of 1-(3-pyrazolyl)pyrazoles as herbicides.
INVENTOR(S): Linker, Karl-Heinz; Kluth, Joachim; Schallner, Otto;
Dollinger, Markus
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Ger. Offen., 52 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19631865	A1	19980212	DE 1996-19631865	19960808
CA 2262606	A1	19980219	CA 1997-2262606	19970728
WO 9806702	A1	19980219	WO 1997-EP4083	19970728
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LJ, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9739412	A	19980306	AU 1997-39412	19970728
AU 716093	B2	20000217		
EP 923558	A1	19990623	EP 1997-936663	19970728
R: BE, CH, DE, DK, ES, FR, GB, IT, LI, NL				
CN 1227546	A	19990901	CN 1997-197114	19970728
BR 9711120	A	20000808	BR 1997-11120	19970728
JP 2000516926	T	20001219	JP 1998-509336	19970728
PRIORITY APPLN. INFO.: DE 1996-19631865 A 19960808				
WO 1997-EP4083 W 19970728				

OTHER SOURCE(S): MARPAT 128:180410
GI

L6 ANSWER 40 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

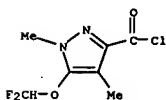


AB Title compds. [I: R1 = (substituted) alkyl; R2 = (substituted) alkoxy, alkylthio; R3 = (halo-substituted) alkenyl, alkynyl; R4 = H, halo, (substituted) alkyl; R5 = H, cyano, NO2, amino, halo, (substituted) alkyl; R6 = H, cyano, amino, halo, (substituted) alkyl, alkenyl, alkynyl, Ph, pyrrolyl, pyrrolidinyl, piperidinyl, morpholinyl, alkoxymethylensamino, etc.], were prepared. Thus, 5-difluoromethoxy-3-hydrazino-1,4-dimethylpyrazole (preparation given) and (ethoxymethylene)malononitrile were refluxed 12 h in EtOH to give 53% 5-amino-1-(5-difluoromethoxy-1,4-dimethyl-3-pyrazolyl)-4-pyrazolecarbonitrile. Several I at 30-125 kg/ha preemergent gave 100% control of Amaranthus, Solanum, Chenopodium, Veronica, and Digitaria while leaving wheat and soybeans unaffected.

IT 203177-50-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 1-(3-pyrazolyl)pyrazoles as herbicides)

RN 203177-50-8 CAPLUS

CN 1H-Pyrazole-3-carbonyl chloride, 5-(difluoromethoxy)-1,4-dimethyl- (9CI) (CA INDEX NAME)

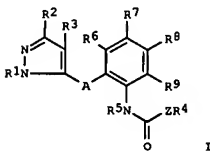


L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1998:1292 CAPLUS
DOCUMENT NUMBER: 128:71993
TITLE: Preparation of herbicidal pyrazole derivatives
INVENTOR(S): Mathews, Christopher John; Baker, Don Robert
PATENT ASSIGNEE(S): Zeneca Ltd., UK
SOURCE: U.S., 21 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5698495	A	19971216	US 1996-742010	19961031
US 5786302	A	19980728	US 1997-905749	19970804
PRIORITY APPLN. INFO.: US 1996-742010 A3 19961031				

OTHER SOURCE(S): MARPAT 128:71993
GI



AB The pyrazole derivs. I [R1 = (un)substituted alkyl or haloalkyl; R2 = R1, (un)substituted cycloalkyl; R3 = H, halo, alkyl or haloalkyl; R4 = (un)substituted alkyl, haloalkyl, alkoxy, etc.; R5 = H, (un)substituted alkyl or alkoxyalkyl; R6-9 = H, halo, (un)substituted alkyl, alkenyl, alkynyl, etc.; A = O, S, SO or SO2; Z = S or bond] are prepared as herbicides.

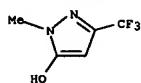
IT 122431-37-2P, 5-Hydroxy-1-methyl-3-(trifluoromethyl)pyrazole
184358-58-5P 184358-59-6P 191334-81-3P
191334-82-4P 191334-83-5P 191334-84-6P
191334-85-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate in preparation of herbicidal pyrazole derivs.)

RN 122431-37-2 CAPLUS

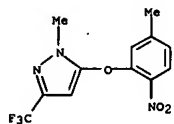
CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

10/521,593

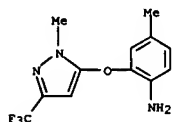
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 184358-58-5 CAPLUS
CN 1H-Pyrazole, 1-methyl-5-(5-methyl-2-nitrophenoxy)-3-(trifluoromethyl)-
(9CI) (CA INDEX NAME)

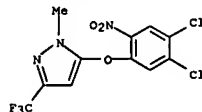


RN 184358-59-6 CAPLUS
CN Benzenamine, 4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

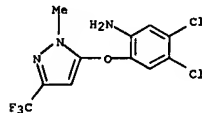


RN 191334-81-3 CAPLUS
CN 1H-Pyrazole, 5-(4,5-dichloro-2-nitrophenoxy)-1-methyl-3-(trifluoromethyl)-
(9CI) (CA INDEX NAME)

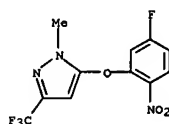
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-82-4 CAPLUS
CN Benzenamine, 4,5-dichloro-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

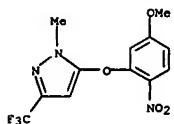


RN 191334-83-5 CAPLUS
CN 1H-Pyrazole, 5-(5-fluoro-2-nitrophenoxy)-1-methyl-3-(trifluoromethyl)-
(9CI) (CA INDEX NAME)

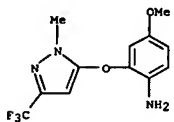


RN 191334-84-6 CAPLUS
CN 1H-Pyrazole, 5-(5-methoxy-2-nitrophenoxy)-1-methyl-3-(trifluoromethyl)-
(9CI) (CA INDEX NAME)

L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-85-7 CAPLUS
CN Benzenamine, 4-methoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

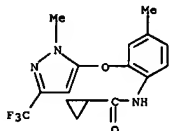


IT 184358-22-3P 184358-26-7P 184358-28-9P
184358-29-0P 184358-31-4P 184358-33-6P
184358-34-7P 184358-37-0P 184358-38-1P
184358-39-2P 184358-40-5P 184358-43-8P
184358-47-2P 184358-48-3P 184358-50-7P
184358-51-8P 184358-53-0P 184358-66-5P
184358-67-6P 191333-01-4P 191333-02-5P
191333-03-6P 191333-05-8P 191333-06-9P
191333-07-0P 191333-08-1P 191333-09-2P
191333-10-5P 191333-11-6P 191333-12-7P
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191333-17-2P 191333-18-3P 191333-19-4P
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191333-30-9P 191333-31-0P 191333-32-1P
191333-33-2P 191333-34-3P 191333-35-4P
191333-36-5P 191333-37-6P 191333-38-7P
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191333-42-3P 191333-43-4P 191333-49-0P
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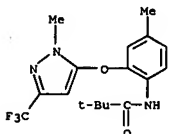
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

191334-20-0P 191334-22-2P 191334-24-4P
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191334-59-5P 191334-60-8P 191334-61-9P
191334-62-0P 191334-63-1P 191334-64-2P
191334-65-3P 191334-66-4P 191334-67-5P
191334-68-6P 191334-69-7P 191334-75-5P
191334-78-8P 191334-79-9P 191334-80-2P
200416-53-1P 200416-54-2P 200416-55-3P
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. as herbicide)

RN 184358-22-3 CAPLUS
CN Cyclopropanecarboxamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

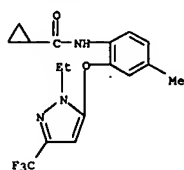


RN 184358-26-7 CAPLUS
CN Propanamide, 2,2-dimethyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

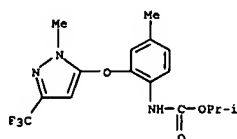


RN 184358-28-9 CAPLUS
CN Cyclopropanecarboxamide, N-[2-[[1-ethyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-methylphenyl]- (9CI) (CA INDEX NAME)

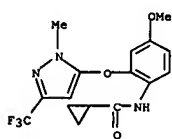
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 184358-29-0 CAPLUS
CN Carbamic acid, [4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

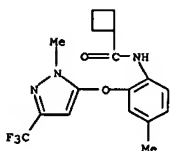


RN 184358-31-4 CAPLUS
CN Cyclopropanecarboxamide, N-[4-methoxy-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]- (9CI) (CA INDEX NAME)

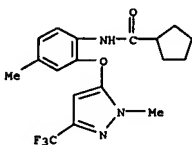


RN 184358-33-6 CAPLUS
CN Butanamide, 3-methyl-N-[4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]- (9CI) (CA INDEX NAME)

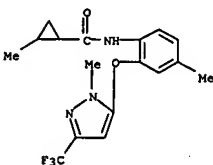
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 184358-39-2 CAPLUS
CN Cyclopentanecarboxamide, N-[4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]- (9CI) (CA INDEX NAME)

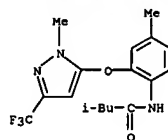


RN 184358-40-5 CAPLUS
CN Cyclopropanecarboxamide, 2-methyl-N-[4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]- (9CI) (CA INDEX NAME)

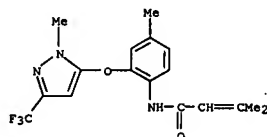


RN 184358-43-8 CAPLUS
CN 2-Propenamide, 2-methyl-N-[4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]- (9CI) (CA INDEX NAME)

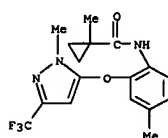
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 184358-34-7 CAPLUS
CN 2-Butenamide, 3-methyl-N-[4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]- (9CI) (CA INDEX NAME)

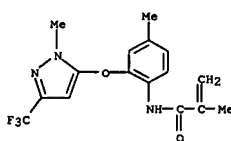


RN 184358-37-0 CAPLUS
CN Cyclopropanecarboxamide, 1-methyl-N-[4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]- (9CI) (CA INDEX NAME)

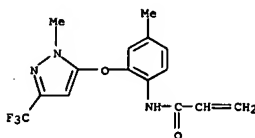


RN 184358-38-1 CAPLUS
CN Cyclobutanecarboxamide, N-[4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]- (9CI) (CA INDEX NAME)

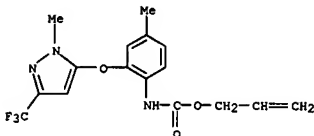
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 184358-47-2 CAPLUS
CN 2-Propenamide, N-[4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]- (9CI) (CA INDEX NAME)

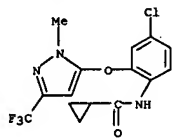


RN 184358-48-3 CAPLUS
CN Carbamic acid, [4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]-, 2-propenyl ester (9CI) (CA INDEX NAME)

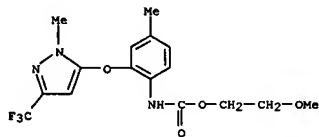


RN 184358-50-7 CAPLUS
CN Cyclopropanecarboxamide, N-[4-chloro-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]- (9CI) (CA INDEX NAME)

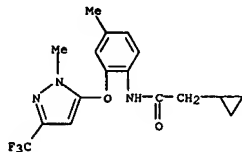
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 184358-51-8 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-methoxyethyl ester (9CI) (CA INDEX NAME)

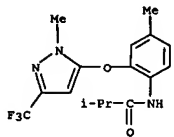


RN 184358-53-0 CAPLUS
CN Cyclopropanecarboxamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

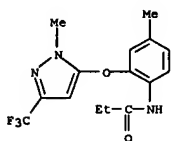


RN 184358-66-5 CAPLUS
CN Cyclopropanecarboxamide, N-[4-methyl-2-[[1-methyl-3-(pentafluoroethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

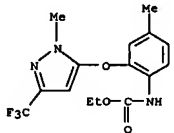
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-03-6 CAPLUS
CN Propanamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

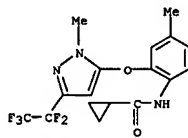


RN 191333-05-8 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, ethyl ester (9CI) (CA INDEX NAME)

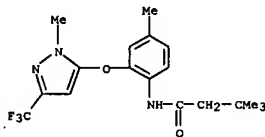


RN 191333-06-9 CAPLUS
CN Cyclopropanecarboxamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

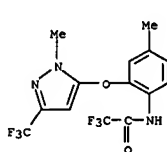
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 184358-67-6 CAPLUS
CN Butanamide, 3,3-dimethyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

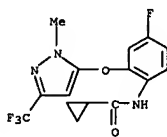


RN 191333-01-4 CAPLUS
CN Acetamide, 2,2,2-trifluoro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

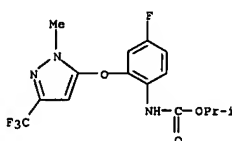


RN 191333-02-5 CAPLUS
CN Propanamide, 2-methyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

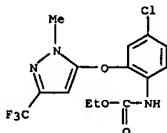
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-07-0 CAPLUS
CN Carbamic acid, [4-fluoro-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

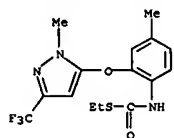


RN 191333-08-1 CAPLUS
CN Carbamic acid, [4-chloro-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, ethyl ester (9CI) (CA INDEX NAME)

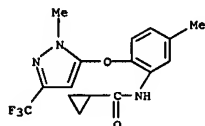


RN 191333-09-2 CAPLUS
CN Carbamothioic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, S-ethyl ester (9CI) (CA INDEX NAME)

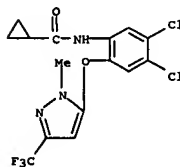
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-10-5 CAPLUS
CN Cyclopropanecarboxamide, N-(5-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl)- (9CI) (CA INDEX NAME)

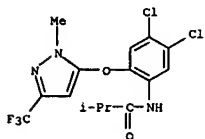


RN 191333-11-6 CAPLUS
CN Cyclopropanecarboxamide, N-(4,5-dichloro-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl)- (9CI) (CA INDEX NAME)

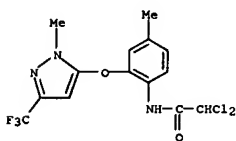


RN 191333-12-7 CAPLUS
CN Carbamic acid, [5-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

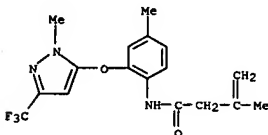
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-17-2 CAPLUS
CN Acetamide, 2,2-dichloro-N-(4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl)- (9CI) (CA INDEX NAME)

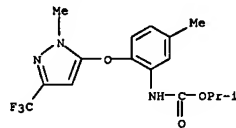


RN 191333-18-3 CAPLUS
CN 3-Butenamide, 3-methyl-N-(4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl)- (9CI) (CA INDEX NAME)

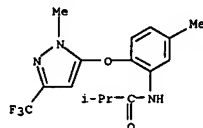


RN 191333-19-4 CAPLUS
CN Carbamothioic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, S-(1-methylpropyl) ester (9CI) (CA INDEX NAME)

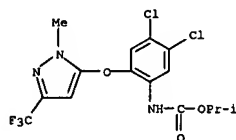
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-13-8 CAPLUS
CN Propanamide, 2-methyl-N-[5-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

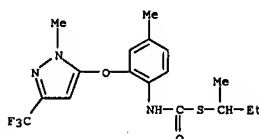


RN 191333-14-9 CAPLUS
CN Carbamic acid, [4,5-dichloro-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

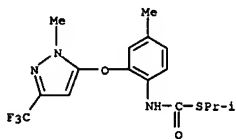


RN 191333-15-0 CAPLUS
CN Propanamide, N-(4,5-dichloro-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl)-2-methyl- (9CI) (CA INDEX NAME)

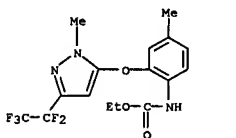
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-20-7 CAPLUS
CN Carbamothioic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, S-(1-methylethyl) ester (9CI) (CA INDEX NAME)

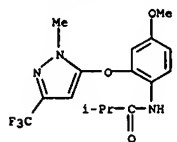


RN 191333-21-8 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(pentafluoroethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, ethyl ester (9CI) (CA INDEX NAME)

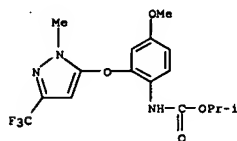


RN 191333-22-9 CAPLUS
CN Propanamide, N-[4-methoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-2-methyl- (9CI) (CA INDEX NAME)

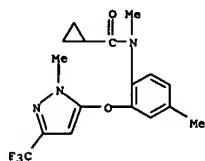
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-23-0 CAPLUS
CN Carbamic acid, [4-methoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

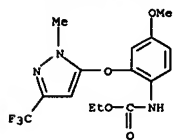


RN 191333-28-5 CAPLUS
CN Cyclopropanecarboxamide, N-methyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

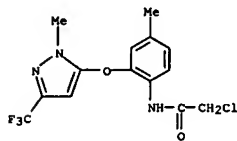


RN 191333-29-6 CAPLUS
CN Cyclopropanecarboxamide, N-(methoxymethyl)-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

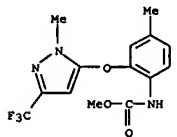
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-33-2 CAPLUS
CN Acetamide, 2-chloro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

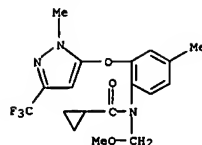


RN 191333-34-3 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, methyl ester (9CI) (CA INDEX NAME)

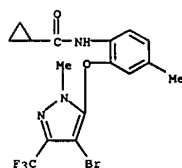


RN 191333-35-4 CAPLUS
CN Cyclopentaneacetamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

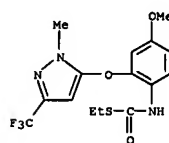
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-30-9 CAPLUS
CN Cyclopropanecarboxamide, N-[2-[[4-bromo-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-methylphenyl]- (9CI) (CA INDEX NAME)

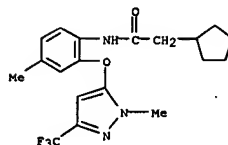


RN 191333-31-0 CAPLUS
CN Carbamothioic acid, [4-methoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 8-ethyl ester (9CI) (CA INDEX NAME)

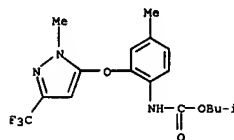


RN 191333-32-1 CAPLUS
CN Carbamic acid, [4-methoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, ethyl ester (9CI) (CA INDEX NAME)

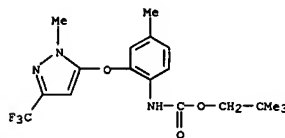
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-36-5 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-methylpropyl ester (9CI) (CA INDEX NAME)

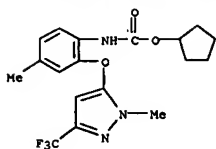


RN 191333-37-6 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2,2-dimethylpropyl ester (9CI) (CA INDEX NAME)

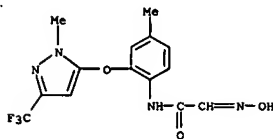


RN 191333-38-7 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, cyclopentyl ester (9CI) (CA INDEX NAME)

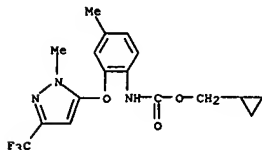
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-39-8 CAPLUS
CN Acetamide, 2-(hydroxyimino)-N-(4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl)- (9CI) (CA INDEX NAME)

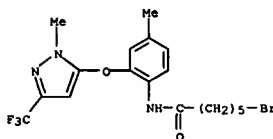


RN 191333-40-1 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, cyclopropylmethyl ester (9CI) (CA INDEX NAME)

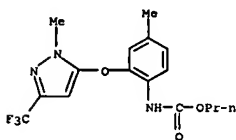


RN 191333-41-2 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylpropyl ester (9CI) (CA INDEX NAME)

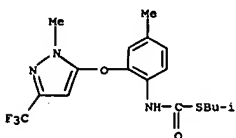
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-50-3 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, propyl ester (9CI) (CA INDEX NAME)

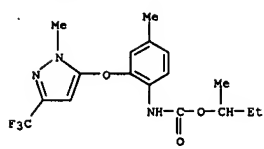


RN 191333-52-5 CAPLUS
CN Carbamothioic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, S-(2-methylpropyl) ester (9CI) (CA INDEX NAME)

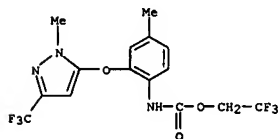


RN 191333-54-7 CAPLUS
CN Cyclopropanecarboxamide, N-[2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

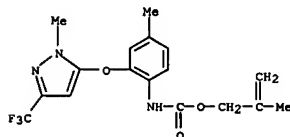
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-42-3 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2,2,2-trifluoroethyl ester (9CI) (CA INDEX NAME)

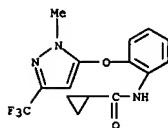


RN 191333-43-4 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-methyl-2-propenyl ester (9CI) (CA INDEX NAME)

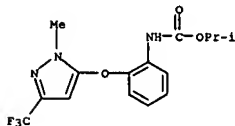


RN 191333-49-0 CAPLUS
CN Hexanamide, 6-bromo-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

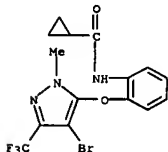
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-55-8 CAPLUS
CN Carbamic acid, [2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

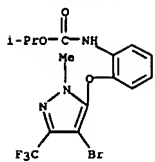


RN 191333-57-0 CAPLUS
CN Cyclopropanecarboxamide, N-[2-[[4-bromo-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

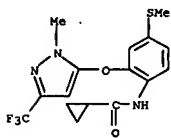


RN 191333-58-1 CAPLUS
CN Carbamic acid, [2-[[4-bromo-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

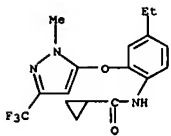
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-59-2 CAPLUS
CN Cyclopropanecarboxamide, N-[4-(methylthio)-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

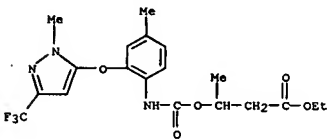


RN 191333-60-5 CAPLUS
CN Cyclopropanecarboxamide, N-[4-ethyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

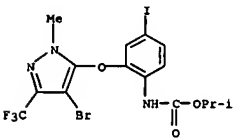


RN 191333-61-6 CAPLUS
CN Carbamic acid, [4-ethoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

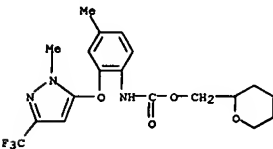
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-74-1 CAPLUS
CN Carbamic acid, [2-[[4-bromo-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-iodophenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

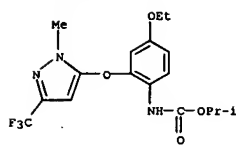


RN 191333-76-3 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, (tetrahydro-2H-pyran-2-yl)methyl ester (9CI) (CA INDEX NAME)

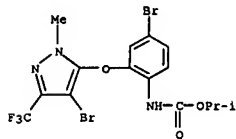


RN 191333-78-5 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester (9CI) (CA INDEX NAME)

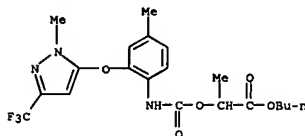
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-63-8 CAPLUS
CN Carbamic acid, [4-bromo-2-[[4-bromo-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

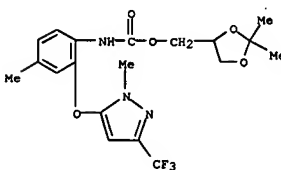


RN 191333-70-7 CAPLUS
CN Propanoic acid, 2-[[[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyl]oxy]-, butyl ester (9CI) (CA INDEX NAME)

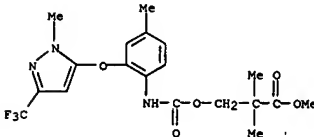


RN 191333-72-9 CAPLUS
CN Butanoic acid, 3-[[[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyl]oxy]-, ethyl ester (9CI) (CA INDEX NAME)

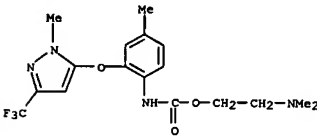
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-81-0 CAPLUS
CN Propanoic acid, 2,2-dimethyl-3-[[[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyl]oxy]-, methyl ester (9CI) (CA INDEX NAME)

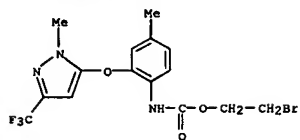


RN 191333-83-2 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-(dimethylamino)ethyl ester (9CI) (CA INDEX NAME)

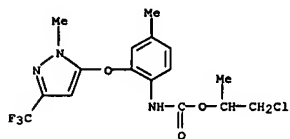


RN 191333-85-4 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-bromoethyl ester (9CI) (CA INDEX NAME)

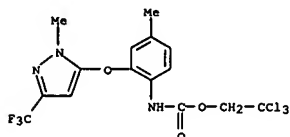
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-87-6 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-chloro-1-methylethyl ester (9CI) (CA INDEX NAME)

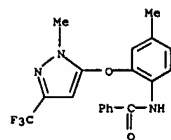


RN 191333-89-8 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2,2,2-trichloroethyl ester (9CI) (CA INDEX NAME)

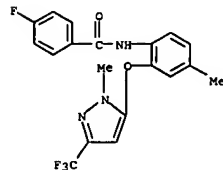


RN 191333-91-2 CAPLUS
CN Benzamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

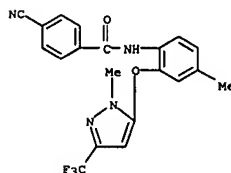
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-93-4 CAPLUS
CN Benzamide, 4-fluoro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

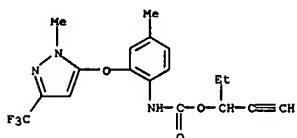


RN 191333-94-5 CAPLUS
CN Benzamide, 4-cyano-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

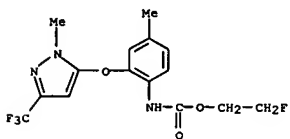


RN 191333-95-6 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-ethyl-2-propynyl ester (9CI) (CA INDEX NAME)

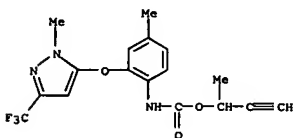
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-96-7 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-fluoroethyl ester (9CI) (CA INDEX NAME)

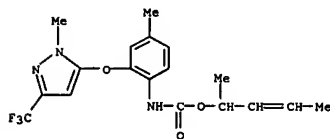


RN 191333-99-0 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methyl-2-propynyl ester (9CI) (CA INDEX NAME)

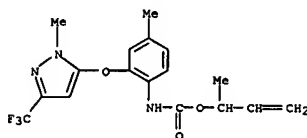


RN 191334-01-7 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methyl-2-butenyl ester (9CI) (CA INDEX NAME)

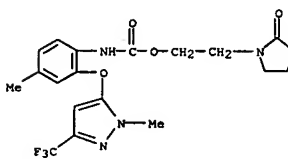
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-03-9 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methyl-2-propenyl ester (9CI) (CA INDEX NAME)

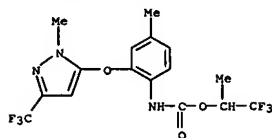


RN 191334-04-0 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-(2-oxo-1-pyrrolidinyl)ethyl ester (9CI) (CA INDEX NAME)

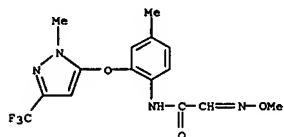


RN 191334-06-2 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2,2,2-trifluoro-1-methylethyl ester (9CI) (CA INDEX NAME)

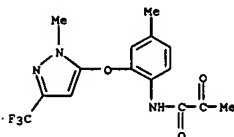
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-08-4 CAPLUS
CN Acetamide, 2-(methoxyimino)-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

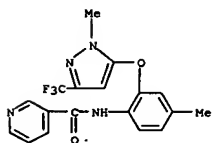


RN 191334-10-8 CAPLUS
CN Propanamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-2-oxo- (9CI) (CA INDEX NAME)

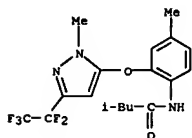


RN 191334-12-0 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

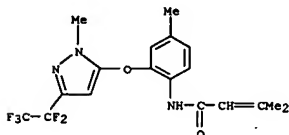
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-20-0 CAPLUS
CN Butanamide, 3-methyl-N-[4-methyl-2-[[1-methyl-3-(pentafluoroethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

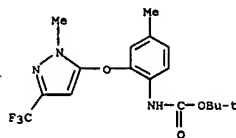


RN 191334-22-2 CAPLUS
CN 2-Butenamide, 3-methyl-N-[4-methyl-2-[[1-methyl-3-(pentafluoroethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

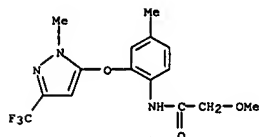


RN 191334-24-4 CAPLUS
CN Butanamide, 3,3-dimethyl-N-[4-methyl-2-[[1-methyl-3-(pentafluoroethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

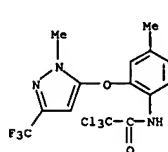
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-14-2 CAPLUS
CN Acetamide, 2-methoxy-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

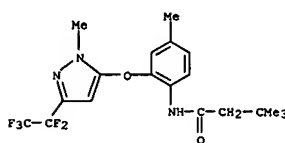


RN 191334-16-4 CAPLUS
CN Acetamide, 2,2,2-trichloro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

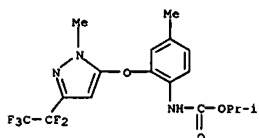


RN 191334-18-6 CAPLUS
CN 3-Pyridinecarboxamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

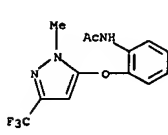
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-26-6 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(pentafluoroethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

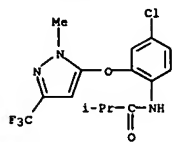


RN 191334-28-8 CAPLUS
CN Acetamide, N-[2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

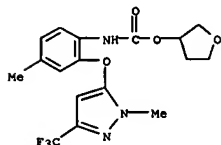


RN 191334-30-2 CAPLUS
CN Propanamide, N-[4-chloro-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-2-methyl- (9CI) (CA INDEX NAME)

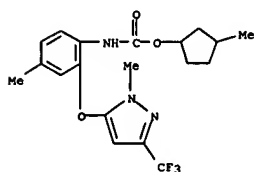
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-32-4 CAPLUS
CN Carbamic acid, [4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]-, tetrahydro-3-furanyl ester (9CI) (CA INDEX NAME)

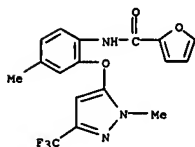


RN 191334-34-6 CAPLUS
CN Carbamic acid, [4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]-, 3-methylcyclopentyl ester (9CI) (CA INDEX NAME)

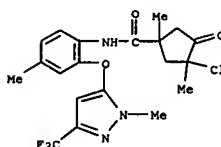


RN 191334-36-8 CAPLUS
CN Carbamic acid, [4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]-, 1-methylethenyl ester (9CI) (CA INDEX NAME)

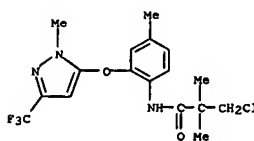
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-43-7 CAPLUS
CN Cyclopentanecarboxamide, 3-chloro-1,3-dimethyl-N-[4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]-4-oxo- (9CI) (CA INDEX NAME)

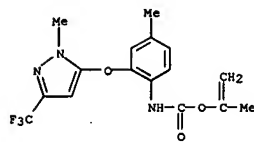


RN 191334-44-8 CAPLUS
CN Propanamide, 3-chloro-2,2-dimethyl-N-[4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]- (9CI) (CA INDEX NAME)

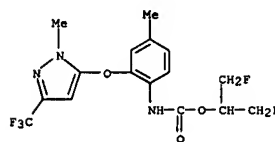


RN 191334-45-9 CAPLUS
CN Propanoic acid, 3-([4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]amino)-3-oxo-, ethyl ester (9CI) (CA INDEX NAME)

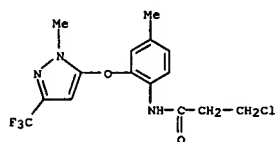
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-38-0 CAPLUS
CN Carbamic acid, [4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]-, 2-fluoro-1-(fluoromethyl)ethyl ester (9CI) (CA INDEX NAME)

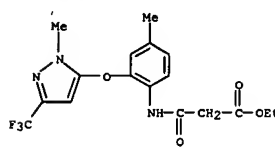


RN 191334-40-4 CAPLUS
CN Propanamide, 3-chloro-N-[4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]- (9CI) (CA INDEX NAME)

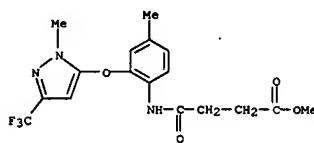


RN 191334-42-6 CAPLUS
CN 2-Furancarboxamide, N-[4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]- (9CI) (CA INDEX NAME)

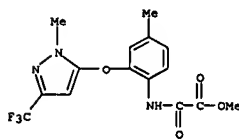
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-46-0 CAPLUS
CN Butanoic acid, 4-([4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]amino)-4-oxo-, methyl ester (9CI) (CA INDEX NAME)

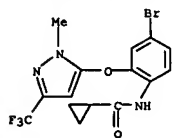


RN 191334-47-1 CAPLUS
CN Acetic acid, [(4-methyl-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]amino)oxo-, methyl ester (9CI) (CA INDEX NAME)

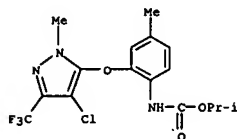


RN 191334-48-2 CAPLUS
CN Cyclopropanecarboxamide, N-[4-bromo-2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]- (9CI) (CA INDEX NAME)

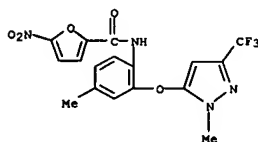
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-49-3 CAPLUS
CN Carbamic acid, [2-[[4-chloro-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-methylphenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

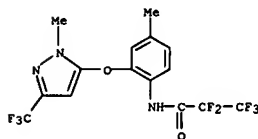


RN 191334-51-7 CAPLUS
CN 2-Furancarboxamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-5-nitro- (9CI) (CA INDEX NAME)

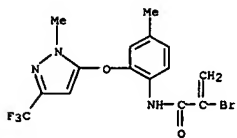


RN 191334-52-8 CAPLUS
CN Pentanoic acid, 5-[[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]-5-oxo-, ethyl ester (9CI) (CA INDEX NAME)

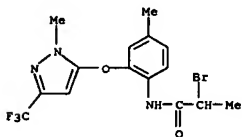
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-56-2 CAPLUS
CN 2-Propenamide, 2-bromo-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

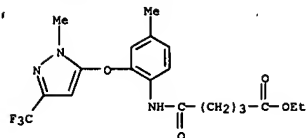


RN 191334-57-3 CAPLUS
CN Propanamide, 2-bromo-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

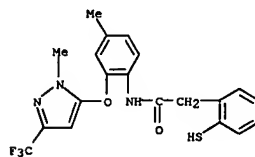


RN 191334-58-4 CAPLUS
CN Cyclopropanecarboxamide, 2,2-dichloro-1-methyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

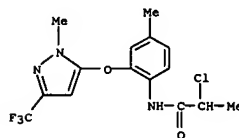
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-53-9 CAPLUS
CN Benzeneacetamide, 2-mercapto-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

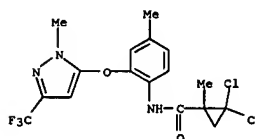


RN 191334-54-0 CAPLUS
CN Propanamide, 2-chloro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

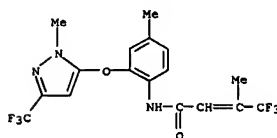


RN 191334-55-1 CAPLUS
CN Propanamide, 2,2,3,3,3-pentafluoro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

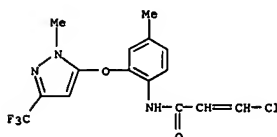
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-59-5 CAPLUS
CN 2-Butenamide, 4,4,4-trifluoro-3-methyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

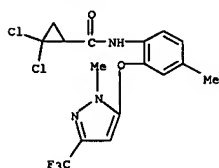


RN 191334-60-8 CAPLUS
CN 2-Propenamide, 3-chloro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

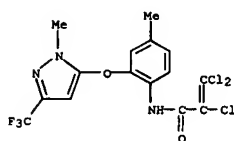


RN 191334-61-9 CAPLUS
CN Cyclopropanecarboxamide, 2,2-dichloro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

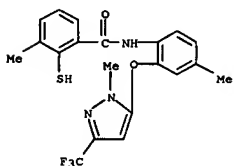
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-62-0 CAPLUS
CN 2-Propenamide, 2,3,3-trichloro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

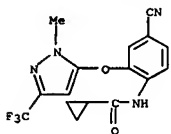


RN 191334-63-1 CAPLUS
CN Benzamide, 2-mercapto-3-methyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

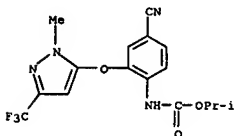


RN 191334-64-2 CAPLUS
CN 2-Butenamide, 4,4,4-trifluoro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

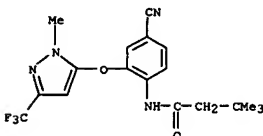
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-68-6 CAPLUS
CN Carbamic acid, [4-cyano-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

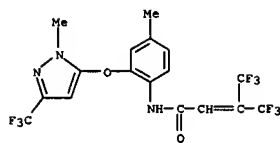


RN 191334-69-7 CAPLUS
CN Butanamide, N-[4-cyano-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-3,3-dimethyl- (9CI) (CA INDEX NAME)

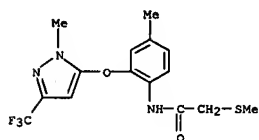


RN 191334-75-5 CAPLUS
CN 2-Propenamide, 2-chloro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

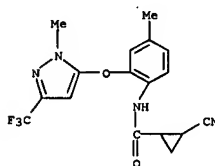
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-65-3 CAPLUS
CN Acetamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-2-(methylthio)- (9CI) (CA INDEX NAME)

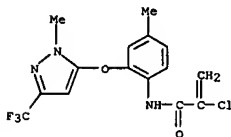


RN 191334-66-4 CAPLUS
CN Cyclopropanecarboxamide, 2-cyano-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

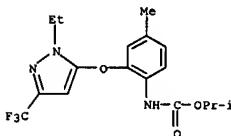


RN 191334-67-5 CAPLUS
CN Cyclopropanecarboxamide, N-[4-cyano-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

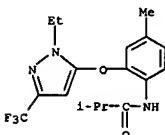
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-78-8 CAPLUS
CN Carbamic acid, [2-[[1-ethyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-methylphenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

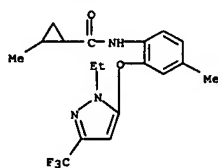


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CN Propanamide, N-[2-[[1-ethyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-methylphenyl]-2-methyl- (9CI) (CA INDEX NAME)

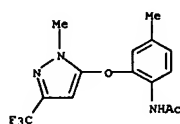


RN 191334-80-2 CAPLUS
CN Cyclopropanecarboxamide, N-[2-[[1-ethyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-methylphenyl]-2-methyl- (9CI) (CA INDEX NAME)

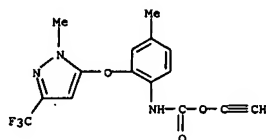
L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 200416-53-1 CAPLUS
 CN Acetamidic acid, N-[4-methyl-2-((1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl)oxy)phenyl]- (9CI) (CA INDEX NAME)



RN 200416-54-2 CAPLUS
 CN Carbamic acid, [4-methyl-2-((1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl)oxy)phenyl]-, ethynyl ester (9CI) (CA INDEX NAME)



RN 200416-55-3 CAPLUS
 CN 2,3-Pentadienamide, N-[4-methyl-2-((1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl)oxy)phenyl]- (9CI) (CA INDEX NAME)

L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1997:440201 CAPLUS

DOCUMENT NUMBER: 127:65765

TITLE: Preparation of herbicidal substituted pyrazoles

INVENTOR(S): Mathews, Christopher John; Baker, Don Robert

PATENT ASSIGNEE(S): Zeneca Limited, UK

SOURCE: PCT Int. Appl., 76 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

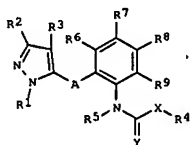
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9718196	A1	19970522	WO 1996-GB2783	19961112
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9675796	A	19970605	AU 1996-75796	19961112
EP 863879	A1	19980916	EP 1996-938339	19961112
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JP 2000500448	T	20000118	JP 1997-518671	19961112
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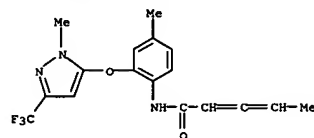
OTHER SOURCE(S): MARPAT 127:65765
 GI



AB The title compds. (I; R1 = (un)substituted C1-6 alkyl, C1-6 haloalkyl; R2 = (un)substituted C1-6 alkyl, C1-6 haloalkyl; C3-6 cycloalkyl; R3 = H, halo, (un)substituted C1-6 alkyl, C1-6 haloalkyl; R4 = (un)substituted C1-6 alkyl, C1-6 haloalkyl, C1-6 alkoxy, etc.; R5 = H, (un)substituted C1-6 alkyl, (C1-6 alkoxy)-(C1-6 alkyl); R6-R9 = H, halo, (un)substituted C1-6 alkyl, etc.; A = O, S, SO, SO2; Y = O, S; X = a single bond; S,

SAEED

L6 ANSWER 41 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

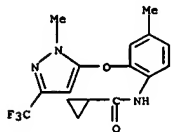


L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

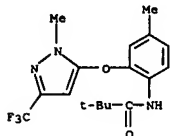
C(:N)), useful for controlling undesirable vegetation, were prepd. Thus, reaction of 5-hydroxy-1-methyl-3-trifluoromethylpyrazole with 3-fluoro-4-nitrotoluene in the presence of K2CO3 in DMSO followed by hydrogenation of the resulting 5-methyl-1-(1-methyl-3-trifluoromethyl-1H-pyrazol-5-yl)oxy-2-nitrobenzene over 5% Pd/C in EtOH, and reaction of 2-amino-5-methyl-1-(1-methyl-3-trifluoromethyl-1H-pyrazol-5-yl)oxybenzene with cyclopropylcarbonyl chloride in the presence of Et3N in CH2Cl2 afforded I [R1 = R7 = Me; R2 = CF3; R3 = R5 = R6 = R8 = R9 = H; R4 = cyclopropyl; A = O; X = a single bond; Y = O] which showed 100% control against, e.g., broadleaf signalgrass and large crabgrass at 0.25 kg/ha.

IT 184358-22-3P 184358-26-7P 184358-28-9P
 184358-29-0P 184358-31-4P 184358-33-6P
 184358-34-7P 184358-37-0P 184358-38-1P
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 191334-79-9P 191334-80-2P
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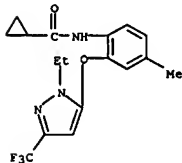
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 (prepn. of herbicidal substituted pyrazoles)
 RN 184358-22-3 CAPLUS
 CN Cyclopropanecarboxamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)



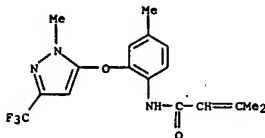
RN 184358-26-7 CAPLUS
 CN Propanamide,
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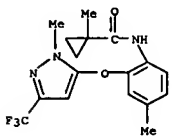
RN 184358-28-9 CAPLUS
 CN Cyclopropanecarboxamide, N-[2-[[1-ethyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-methylphenyl]- (9CI) (CA INDEX NAME)



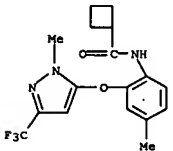
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 184358-37-0 CAPLUS
 CN Cyclopropanecarboxamide, 1-methyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)



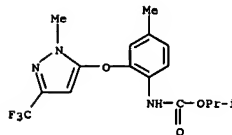
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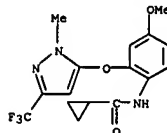
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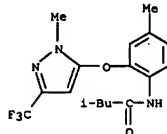
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 RN 184358-29-0 CAPLUS
 CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)



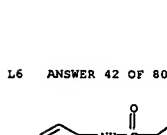
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 CN Cyclopropanecarboxamide,
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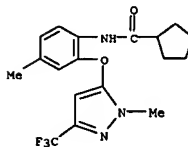
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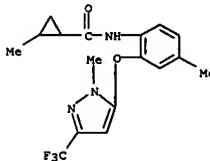
RN 184358-34-7 CAPLUS
 CN 2-Butenamide, 3-methyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)



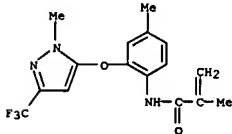
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 184358-40-5 CAPLUS
 CN Cyclopropanecarboxamide, 2-methyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)



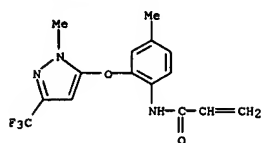
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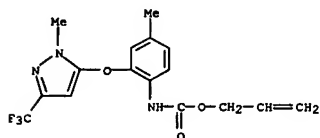
RN 184358-47-2 CAPLUS
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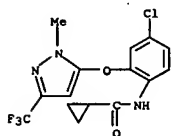
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 184358-48-3 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-propenyl ester (9CI) (CA INDEX NAME)

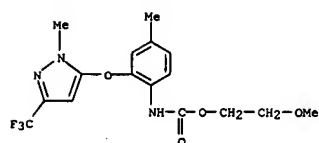


RN 184358-50-7 CAPLUS
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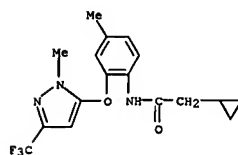


RN 184358-51-8 CAPLUS
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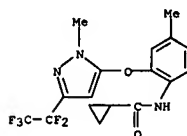
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 184358-53-0 CAPLUS
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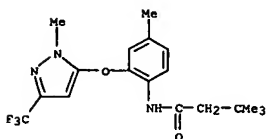


RN 184358-66-5 CAPLUS
CN Cyclopropanecarboxamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

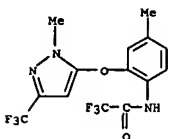


RN 184358-67-6 CAPLUS
CN Butanamide, 3,3-dimethyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

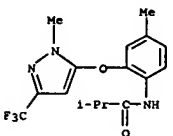
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-01-4 CAPLUS
CN Acetamide, 2,2,2-trifluoro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

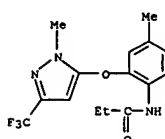


RN 191333-02-5 CAPLUS
CN Propanamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

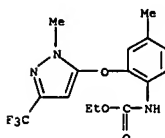


RN 191333-03-6 CAPLUS
CN Propanamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

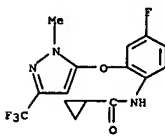
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-05-8 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, ethyl ester (9CI) (CA INDEX NAME)

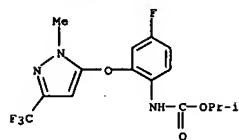


RN 191333-06-9 CAPLUS
CN Cyclopropanecarboxamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

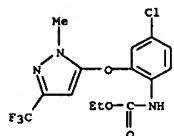


RN 191333-07-0 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

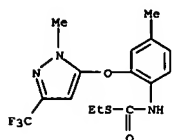
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-08-1 CAPLUS
CN Carbamic acid, [4-chloro-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, ethyl ester (9CI) (CA INDEX NAME)

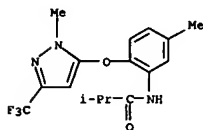


RN 191333-09-2 CAPLUS
CN Carbamothioic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, S-ethyl ester (9CI) (CA INDEX NAME)

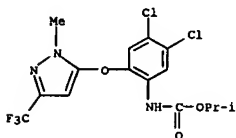


RN 191333-10-5 CAPLUS
CN Cyclopropanecarboxamide, N-[5-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

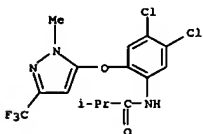
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-14-9 CAPLUS
CN Carbamic acid, [4,5-dichloro-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

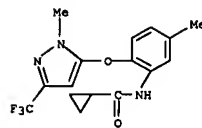


RN 191333-15-0 CAPLUS
CN Propanamide, N-[4-methoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

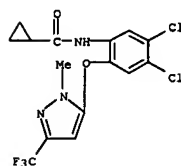


RN 191333-16-1 CAPLUS
CN Carbamothioic acid, N-[4-methoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, S-(1-methylpropyl) ester (9CI) (CA INDEX NAME)

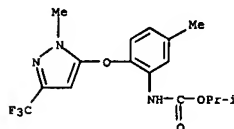
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-11-6 CAPLUS
CN Cyclopropanecarboxamide, N-[4,5-dichloro-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

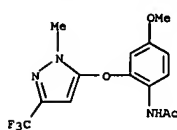


RN 191333-12-7 CAPLUS
CN Carbamic acid, [5-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

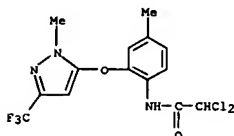


RN 191333-13-8 CAPLUS
CN Propanamide, 2-methyl-N-[5-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

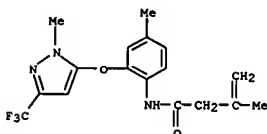
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-17-2 CAPLUS
CN Acetamide, 2,2-dichloro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

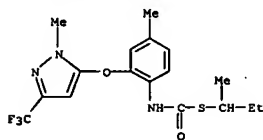


RN 191333-18-3 CAPLUS
CN 3-Butenamide, 3-methyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

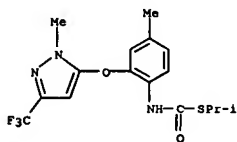


RN 191333-19-4 CAPLUS
CN Carbamothioic acid, N-[4-methoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, S-(1-methylpropyl) ester (9CI) (CA INDEX NAME)

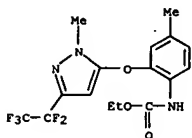
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-20-7 CAPLUS
 CN Carbamothioic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, S-(1-methylethyl) ester (9CI) (CA INDEX NAME)

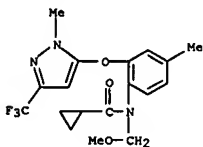


RN 191333-21-8 CAPLUS
 CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(pentafluoroethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, ethyl ester (9CI) (CA INDEX NAME)

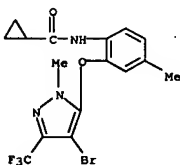


RN 191333-22-9 CAPLUS
 CN Propanamide, N-[4-methoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-2-methyl- (9CI) (CA INDEX NAME)

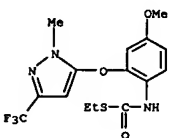
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-30-9 CAPLUS
 CN Cyclopropanecarboxamide, N-[2-[[4-bromo-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-methylphenyl]- (9CI) (CA INDEX NAME)

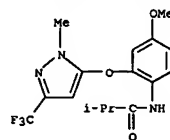


RN 191333-31-0 CAPLUS
 CN Carbamothioic acid, [4-methoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, S-ethyl ester (9CI) (CA INDEX NAME)

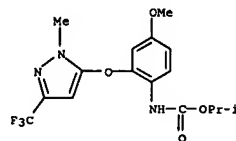


RN 191333-32-1 CAPLUS
 CN Carbamic acid, [4-methoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, ethyl ester (9CI) (CA INDEX NAME)

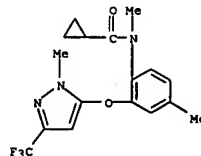
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-23-0 CAPLUS
 CN Carbamic acid, [4-methoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

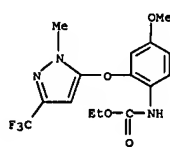


RN 191333-28-5 CAPLUS
 CN Cyclopropanecarboxamide, N-methyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

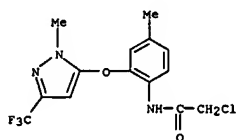


RN 191333-29-6 CAPLUS
 CN Cyclopropanecarboxamide, N-(methoxymethyl)-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

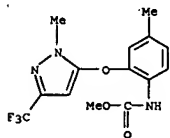
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-33-2 CAPLUS
 CN Acetamide, 2-chloro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

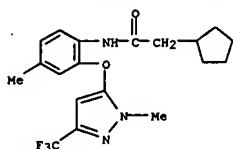


RN 191333-34-3 CAPLUS
 CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, methyl ester (9CI) (CA INDEX NAME)

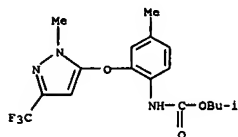


RN 191333-35-4 CAPLUS
 CN Cyclopentaneacetamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

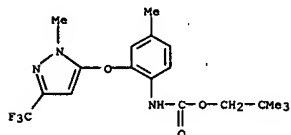
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-36-5 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-methylpropyl ester (9CI) (CA INDEX NAME)

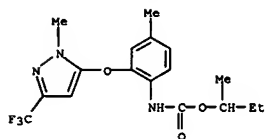


RN 191333-37-6 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2,2-dimethylpropyl ester (9CI) (CA INDEX NAME)

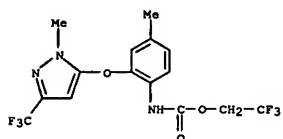


RN 191333-38-7 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, cyclopentyl ester (9CI) (CA INDEX NAME)

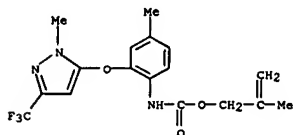
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-42-3 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2,2,2-trifluoroethyl ester (9CI) (CA INDEX NAME)

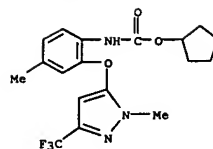


RN 191333-43-4 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-methyl-2-propenyl ester (9CI) (CA INDEX NAME)

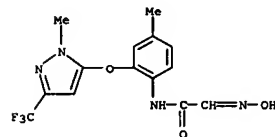


RN 191333-44-5 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-propynyl ester (9CI) (CA INDEX NAME)

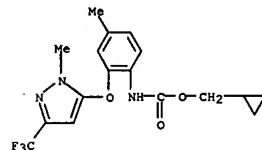
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-39-8 CAPLUS
CN Acetamide, 2-(hydroxyimino)-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

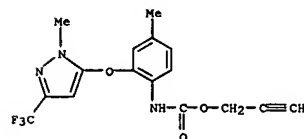


RN 191333-40-1 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, cyclopropylmethyl ester (9CI) (CA INDEX NAME)

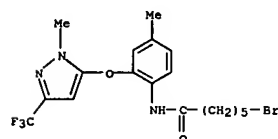


RN 191333-41-2 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylpropyl ester (9CI) (CA INDEX NAME)

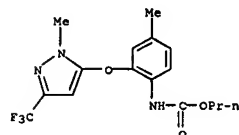
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-49-0 CAPLUS
CN Hexanamide, 6-bromo-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

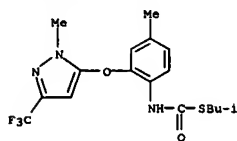


RN 191333-50-3 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, propyl ester (9CI) (CA INDEX NAME)

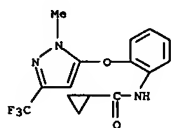


RN 191333-52-5 CAPLUS
CN Carbamothioic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, s-(2-methylpropyl) ester (9CI) (CA INDEX NAME)

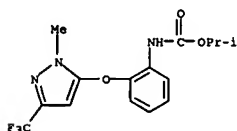
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-54-7 CAPLUS
CN Cyclopropanecarboxamide,
N-[2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

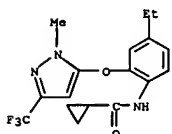


RN 191333-55-8 CAPLUS
CN Carbamic acid, [2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

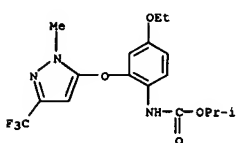


RN 191333-57-0 CAPLUS
CN Cyclopropanecarboxamide, N-[2-[[4-bromo-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

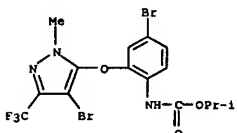
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-61-6 CAPLUS
CN Carbamic acid, [4-ethoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

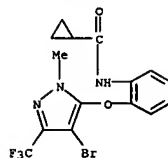


RN 191333-63-8 CAPLUS
CN Carbamic acid, [4-bromo-2-[[4-bromo-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

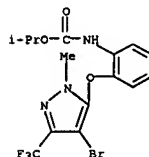


RN 191333-70-7 CAPLUS
CN Propanoic acid,
2-[[[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyloxy]-, butyl ester (9CI) (CA INDEX NAME)

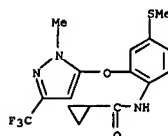
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-58-1 CAPLUS
CN Carbamic acid, [2-[[4-bromo-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

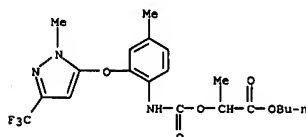


RN 191333-59-2 CAPLUS
CN Cyclopropanecarboxamide, N-[4-(methylthio)-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

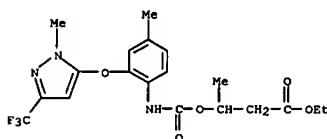


RN 191333-60-5 CAPLUS
CN Cyclopropanecarboxamide, N-[4-ethyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

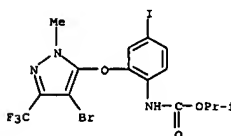
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-72-9 CAPLUS
CN Butanoic acid,
3-[[[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyloxy]-, ethyl ester (9CI) (CA INDEX NAME)

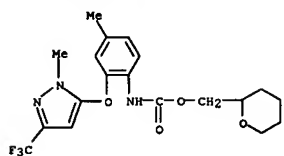


RN 191333-74-1 CAPLUS
CN Carbamic acid, [2-[[4-bromo-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-iodophenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

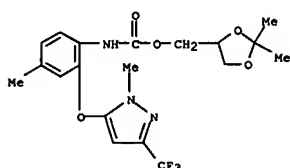


RN 191333-76-3 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, (tetrahydro-2H-pyran-2-yl)methyl ester (9CI) (CA INDEX NAME)

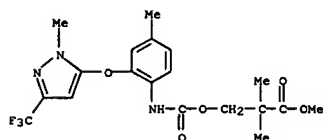
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-78-5 CAPLUS
 CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, (2,2-dimethyl-1,3-dioxolan-4-yl)methyl ester (9CI) (CA INDEX NAME)

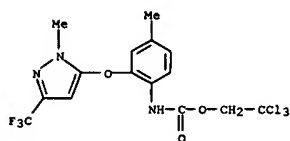


RN 191333-81-0 CAPLUS
 CN Propanoic acid, 2,2-dimethyl-3-[[[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyloxy]-, methyl ester (9CI) (CA INDEX NAME)

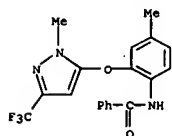


RN 191333-83-2 CAPLUS
 CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-(dimethylamino)ethyl ester (9CI) (CA INDEX NAME)

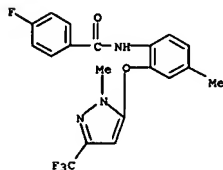
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-91-2 CAPLUS
 CN Benzamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

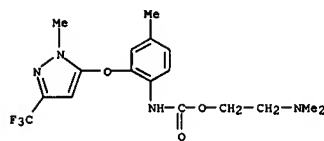


RN 191333-93-4 CAPLUS
 CN Benzamide, 4-fluoro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

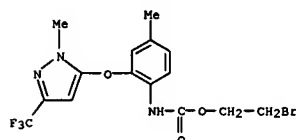


RN 191333-94-5 CAPLUS
 CN Benzamide, 4-cyano-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

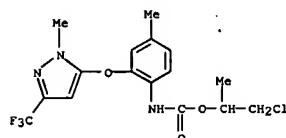
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-85-4 CAPLUS
 CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-bromoethyl ester (9CI) (CA INDEX NAME)

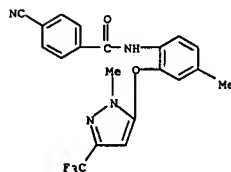


RN 191333-87-6 CAPLUS
 CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-chloroethyl ester (9CI) (CA INDEX NAME)

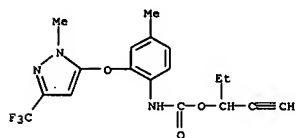


RN 191333-89-8 CAPLUS
 CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2,2,2-trichloroethyl ester (9CI) (CA INDEX NAME)

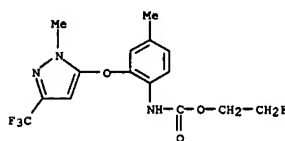
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191333-95-6 CAPLUS
 CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-ethyl-2-propynyl ester (9CI) (CA INDEX NAME)

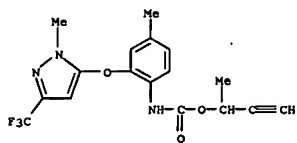


RN 191333-96-7 CAPLUS
 CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-fluoroethyl ester (9CI) (CA INDEX NAME)

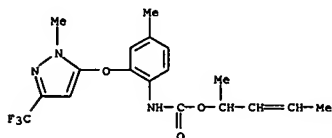


RN 191333-99-0 CAPLUS
 CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methyl-2-propynyl ester (9CI) (CA INDEX NAME)

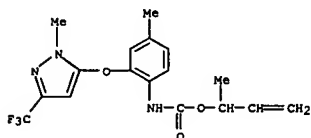
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-01-7 CAPLUS
 CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methyl-2-butenyl ester (9CI) (CA INDEX NAME)

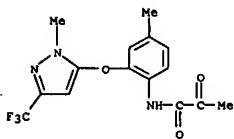


RN 191334-03-9 CAPLUS
 CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methyl-2-propenyl ester (9CI) (CA INDEX NAME)

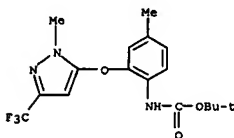


RN 191334-04-0 CAPLUS
 CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-(2-oxo-1-pyrrolidinyl)ethyl ester (9CI) (CA INDEX NAME)

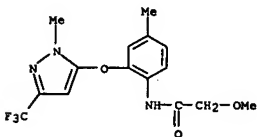
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-12-0 CAPLUS
 CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

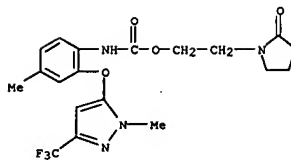


RN 191334-14-2 CAPLUS
 CN Acetamide, 2-methoxy-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

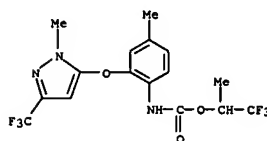


RN 191334-16-4 CAPLUS
 CN Acetamide, 2,2,2-trichloro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

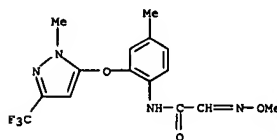
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-06-2 CAPLUS
 CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2,2,2-trifluoro-1-methylethyl ester (9CI) (CA INDEX NAME)

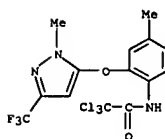


RN 191334-08-4 CAPLUS
 CN Acetamide, 2-(methoxyimino)-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

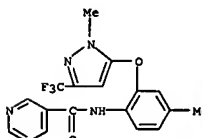


RN 191334-10-8 CAPLUS
 CN Propanamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-2-oxo- (9CI) (CA INDEX NAME)

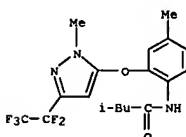
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-18-6 CAPLUS
 CN 3-Pyridinecarboxamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

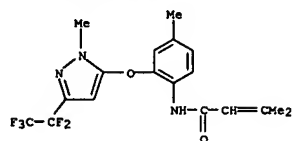


RN 191334-20-0 CAPLUS
 CN Butanamide, 3-methyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

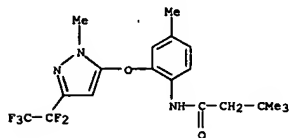


RN 191334-22-2 CAPLUS
 CN 2-Butenamide, 3-methyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

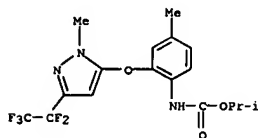
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-24-4 CAPLUS
CN Butanamide,
3,3-dimethyl-N-[4-methyl-2-[[1-methyl-3-(pentafluoroethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

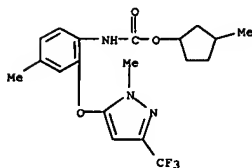


RN 191334-26-6 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(pentafluoroethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

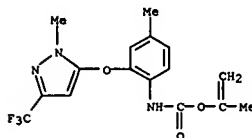


RN 191334-28-8 CAPLUS
CN Acetamide,
N-[2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)phenyl]-
(9CI) (CA INDEX NAME)

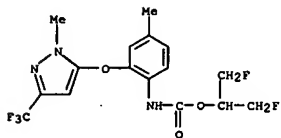
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-36-8 CAPLUS
CN Carbamic acid, {4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl}-, 1-methylethenyl ester (9CI) (CA INDEX NAME)

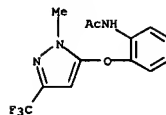


RN 191334-38-0 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 2-fluoro-1-(fluoromethyl)ethyl ester (9CI) (CA INDEX NAME)

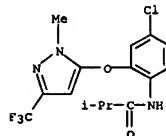


RN 191334-40-4 CAPLUS
CN Propanamide, 3-chloro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

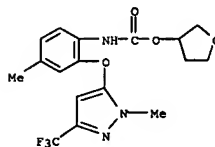
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-30-2 CAPLUS
CN Propanamide, N-[4-chloro-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-2-methyl- (9CI) (CA INDEX NAME)

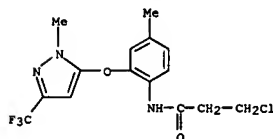


RN 191334-32-4 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, tetrahydro-3-furanyl ester (9CI) (CA INDEX NAME)

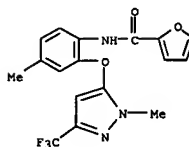


RN 191334-34-6 CAPLUS
CN Carbamic acid, [4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 3-methylcyclopentyl ester (9CI) (CA INDEX NAME)

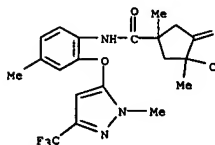
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-42-6 CAPLUS
CN 2-Furancarboxamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

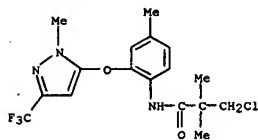


RN 191334-43-7 CAPLUS
CN Cyclopentanecarboxamide,
3-chloro-1,3-dimethyl-N-[4-methyl-2-[[1-methyl-3-
(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-4-oxo- (9CI) (CA INDEX
NAME)

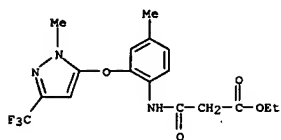


RN 191334-44-8 CAPLUS
CN Propanamide, 3-chloro-2,2-dimethyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

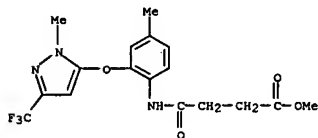
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-45-9 CAPLUS
CN Propanoic acid,
3-[[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]-3-oxo-, ethyl ester (9CI) (CA INDEX NAME)

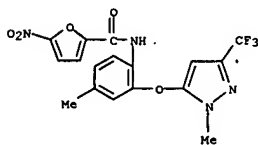


RN 191334-46-0 CAPLUS
CN Butanoic acid,
4-[[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]-4-oxo-, methyl ester (9CI) (CA INDEX NAME)

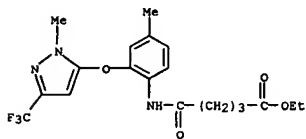


RN 191334-47-1 CAPLUS
CN Acetic acid, [[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]oxo-, methyl ester (9CI) (CA INDEX NAME)

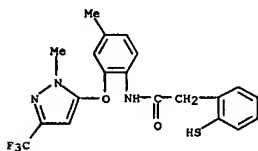
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-52-8 CAPLUS
CN Pentanoic acid,
5-[[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]-5-oxo-, ethyl ester (9CI) (CA INDEX NAME)

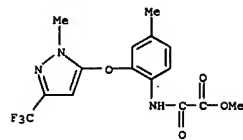


RN 191334-53-9 CAPLUS
CN Benzeneacetamide,
2-mercapto-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

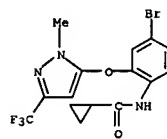


RN 191334-54-0 CAPLUS
CN Propanamide, 2-chloro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

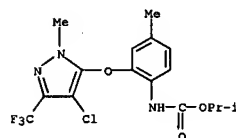
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-48-2 CAPLUS
CN Cyclopropanecarboxamide, N-[4-bromo-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

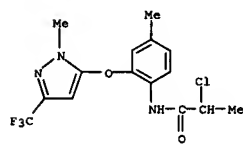


RN 191334-49-3 CAPLUS
CN Carbamic acid, [2-[[4-chloro-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-methylphenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

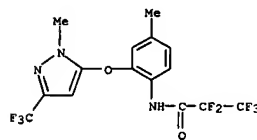


RN 191334-51-7 CAPLUS
CN 2-Furancarboxamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-5-nitro- (9CI) (CA INDEX NAME)

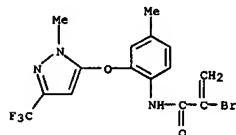
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-55-1 CAPLUS
CN Propanamide, 2,2,3,3,3-pentafluoro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

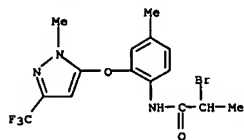


RN 191334-56-2 CAPLUS
CN 2-Propanamide, 2-bromo-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

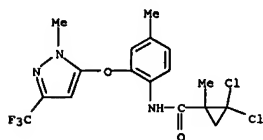


RN 191334-57-3 CAPLUS
CN Propanamide, 2-bromo-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

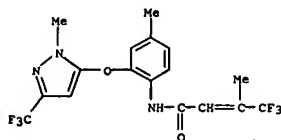
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-58-4 CAPLUS
CN Cyclopropanecarboxamide, 2,2-dichloro-1-methyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

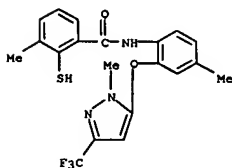


RN 191334-59-5 CAPLUS
CN 2-Butenamide, 4,4,4-trifluoro-3-methyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

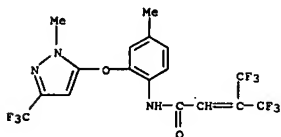


RN 191334-60-8 CAPLUS
CN 2-Propenamide, 3-chloro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

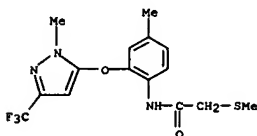
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-64-2 CAPLUS
CN 4,4,4-trifluoro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

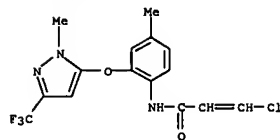


RN 191334-65-3 CAPLUS
CN Acetamide, N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-2-(methylthio)- (9CI) (CA INDEX NAME)

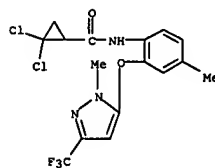


RN 191334-66-4 CAPLUS
CN Cyclopropanecarboxamide, 2-cyano-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

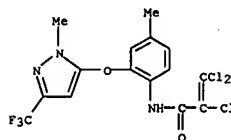
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-61-9 CAPLUS
CN Cyclopropanecarboxamide, 2,2-dichloro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

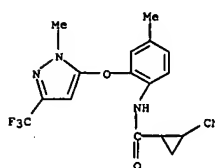


RN 191334-62-0 CAPLUS
CN 2-Propenamide, 2,3,3-trichloro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

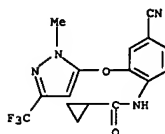


RN 191334-63-1 CAPLUS
CN Benzamide, 2-mercapto-3-methyl-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

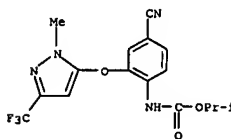
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-67-5 CAPLUS
CN Cyclopropanecarboxamide, N-[4-cyano-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

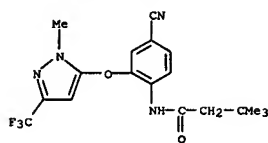


RN 191334-68-6 CAPLUS
CN Carbamic acid, [4-cyano-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

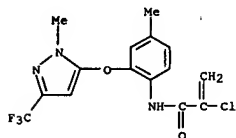


RN 191334-69-7 CAPLUS
CN Butanamide, N-[4-cyano-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]-3,3-dimethyl- (9CI) (CA INDEX NAME)

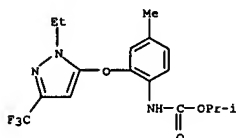
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-75-5 CAPLUS
CN 2-Propenamide, 2-chloro-N-[4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]- (9CI) (CA INDEX NAME)

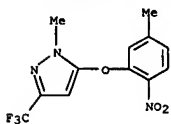


RN 191334-78-8 CAPLUS
CN Carbamic acid, [2-[[1-ethyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-methylphenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

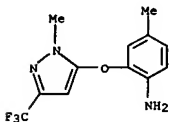


RN 191334-79-9 CAPLUS
CN Propanamide, N-[2-[[1-ethyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-methylphenyl]-2-methyl- (9CI) (CA INDEX NAME)

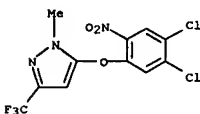
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



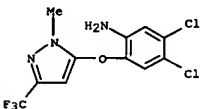
RN 184358-59-6 CAPLUS
CN Benzenamine, 4-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)



RN 191334-81-3 CAPLUS
CN 1H-Pyrazole, 5-(4,5-dichloro-2-nitrophenoxy)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



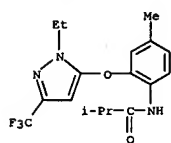
RN 191334-82-4 CAPLUS
CN Benzenamine, 4,5-dichloro-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)



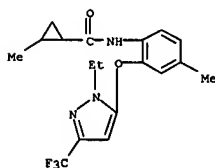
RN 191334-83-5 CAPLUS

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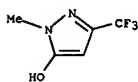
L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 191334-80-2 CAPLUS
CN Cyclopropanecarboxamide, N-[2-[[1-ethyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-4-methylphenyl]-2-methyl- (9CI) (CA INDEX NAME)



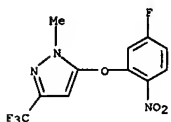
IT 122431-37-2P 184358-58-5P 184358-59-6P
191334-81-3P 191334-82-4P 191334-83-5P
191334-84-6P 191334-85-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of herbicidal substituted pyrazoles)
RN 122431-37-2 CAPLUS
CN 1H-Pyrazole-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



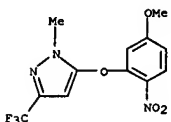
RN 184358-58-5 CAPLUS
CN 1H-Pyrazole, 5-(5-methyl-2-nitrophenoxy)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 42 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

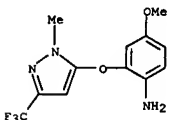
CN 1H-Pyrazole, 5-(5-fluoro-2-nitrophenoxy)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 191334-84-6 CAPLUS
CN 1H-Pyrazole, 5-(5-methoxy-2-nitrophenoxy)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 191334-85-7 CAPLUS
CN Benzenamine, 4-methoxy-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

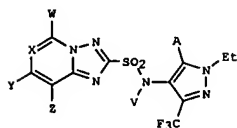


L6 ANSWER 43 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

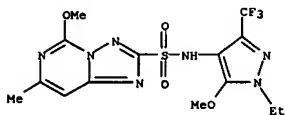
ACCESSION NUMBER: 1997:276447 CAPLUS
 DOCUMENT NUMBER: 126:251164
 TITLE: Preparation of N-(1-ethyl-4-pyrazolyl)triazoloazinesulfonamides as herbicides
 INVENTOR(S): Costales, Mark Joseph; Kleschick, William Anthony; Ehr, Robert Joseph; Welmer, Monte Ray
 PATENT ASSIGNEE(S): DowElanco, USA
 SOURCE: PCT Int. Appl., 56 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9708172	A1	19970306	WO 1996-US13810	19960828
W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,			
MR				
CA 2203628	A1	19970306	CA 1996-2203628	19960828
AU 9669031	A	19970319	AU 1996-69031	19960828
AU 705298	B2	19990520		
EP 789698	A1	19970820	EP 1996-929759	19960828
EP 789698	B1	19990707		
R:	DE, ES, FR, GB, IT, NL			
BR 9606610	A	19971014	BR 1996-6610	19960828
JP 10511109	T	19981027	JP 1996-510538	19960828
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PRIORITY APPLN. INFO.:			US 1995-3086P	P 19950831
			WO 1996-US13810	W 19960828

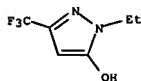
OTHER SOURCE(S): MARPAT 126:251164
 GI



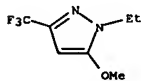
L6 ANSWER 43 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



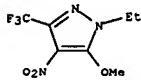
IT 143706-75-6P 188689-50-1P 188689-51-2P
 188689-52-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of N-(1-ethyl-4-pyrazolyl)triazoloazinesulfonamides as herbicides)
 RN 143706-75-6 CAPLUS
 CN 1H-Pyrazol-5-yl, 1-ethyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 188689-50-1 CAPLUS
 CN 1H-Pyrazole, 1-ethyl-5-methoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 188689-51-2 CAPLUS
 CN 1H-Pyrazole, 1-ethyl-5-methoxy-4-nitro-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

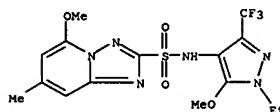


RN 188689-52-3 CAPLUS
 CN 1H-Pyrazol-4-amine, 1-ethyl-5-methoxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

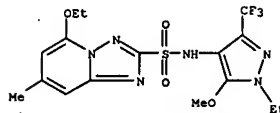
SAEED

L6 ANSWER 43 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

AB The title compds. [I; A = H, Me, MeO, Cl, Br; V = H, CO(Cl-4)alkyl, CO2(Cl-4)alkyl, etc.; (a) W = MeO, EtO; X = CH, N, CCl, etc.; one of Y and Z = Cl, Br, I, MeO, Me and the other = H; (b) W, Y = H; X = CCl, CBr, Cl, C(OMe), CMe; Z = MeO, EtO; V = H]; especially useful for the pre-emergence control of grassy weeds in soybeans, were prepared. Thus, reaction of 2-chlorosulfonyl-5-methoxy-7-methyl[1,2,4]triazolo[1,5-c]pyrimidine with 4-amino-1-ethyl-5-methyl-3-(trifluoromethyl)pyrazole in the presence of pyridine and DMSO in MeCN afforded I [W = MeO; X = N; Y, A = Me; Z, V = H] which showed 98% control against lambsquarters and giant foxtail at 0.070 kg/ha in preemergence tests.
 IT 188689-33-0P 188689-34-1P 188689-44-3P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of N-(1-ethyl-4-pyrazolyl)triazoloazinesulfonamides as herbicides)
 RN 188689-33-0 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyridine-2-sulfonamide, N-[1-ethyl-5-methoxy-3-(trifluoromethyl)-1H-pyrazol-4-yl]-5-methoxy-7-methyl- (9CI) (CA INDEX NAME)

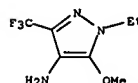


RN 188689-34-1 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyridine-2-sulfonamide, 5-ethoxy-N-[1-ethyl-5-methoxy-3-(trifluoromethyl)-1H-pyrazol-4-yl]-7-methyl- (9CI) (CA INDEX NAME)



RN 188689-44-3 CAPLUS
 CN [1,2,4]Triazolo[1,5-c]pyrimidine-2-sulfonamide, N-[1-ethyl-5-methoxy-3-(trifluoromethyl)-1H-pyrazol-4-yl]-5-methoxy-7-methyl- (9CI) (CA INDEX NAME)

L6 ANSWER 43 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



L6 ANSWER 44 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1996:544131 CAPLUS

DOCUMENT NUMBER: 125:237583

TITLE: New Potent Antihyperglycemic Agents in db/db Mice: Synthesis and Structure-Activity Relationship Studies of (4-Substituted benzyl)(trifluoromethyl)pyrazoles and -pyrazolones

AUTHOR(S): Kees, Kenneth L.; Fitzgerald, John J., Jr.; Steiner, Kurt E.; Mattes, James F.; Mihan, Brenda; Tosi, Theresa; Mondoro, Diane; McCabe, Michael L.

CORPORATE SOURCE: Department of Medicinal Chemistry and Analytical Chemistry, Wyeth-Ayerst Research, Princeton, NJ, 08543-8000, USA

SOURCE: Journal of Medicinal Chemistry (1996), 39(20), 3920-3928

CODEN: JMCMAR; ISSN: 0022-2623

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 125:237583

AB The synthesis, structure-activity relation (SAR) studies, and antidiabetic

characterization of 1,2-dihydro-4-[[4-(methylthio)phenyl]methyl]-5-(trifluoromethyl)-3H-pyrazol-3-one (as the hydroxy tautomer; WAY-123783, 4) are described. Substitution of 4-methylthio, methylsulfinyl, or Et to a benzyl group at C4, in combination with trifluoromethyl at C5 of pyrazol-3-one, generated potent antihyperglycemic agents in obese, diabetic db/db mice (16-30% reduction in plasma glucose at 2 mg/kg). The antihyperglycemic effect was associated with a robust glucosuria (>8 g/dL)

observed in nondiabetic mice. Chemical trapping of four of the seven possible

tautomeric forms of the heterocycle by mono- and dialkylation at the acidic hydrogens provided several addnl. potent analogs (39-43)

reduction at 5 mg/kg) of the lead 4 as well as a dialkylated pair of regioisomers that showed separation of the associated glucosuric effect produced by all of

the active analogs in normal mice. Further pharmacol. characterization of

the lead WAY-123783 (ED50 = 9.85 mg/kg, po in db/db mice), in oral and s.c. glucose tolerance tests, indicated that unlike the renal and intestinal glucose absorption inhibitor phlorizin, pyrazolone 4 does not effectively block intestinal glucose absorption. SAR and addnl. pharmacol. data reported herein suggest that WAY-123783 represents a new class of potent antihyperglycemic agents which correct hyperglycemia by selective inhibition of renal tubular glucose resorption.

IT 181795-82-4P

RL: BAC (Biological activity or effector, except adverse); BSU

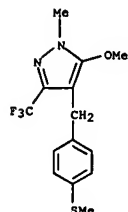
(Biological

study, unclassified); PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(new potent antihyperglycemic agents in db/db mice: synthesis and structure-activity relationship studies of (4-substituted benzyl)(trifluoromethyl)pyrazoles and -pyrazolones)

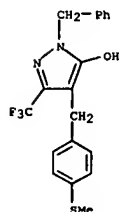
L6 ANSWER 44 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CN 1H-Pyrazol-5-ol, 1-methyl-4-[[4-(methylthio)phenyl]methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 181795-83-5 CAPLUS

CN 1H-Pyrazol-5-ol, 1-methyl-4-[[4-(methylthio)phenyl]methyl]-1-(phenylmethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



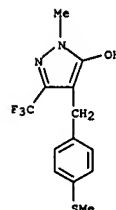
RN 181795-84-6 CAPLUS

CN 1H-Pyrazole, 5-methoxy-1-methyl-4-[[4-(methylthio)phenyl]methyl]-1-(phenylmethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 44 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 181795-82-4 CAPLUS

CN 1H-Pyrazol-5-ol, 1-methyl-4-[[4-(methylthio)phenyl]methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



IT 152595-86-3P 152595-88-5P 181795-83-5P

181795-84-6P

RL: BAC (Biological activity or effector, except adverse); BSU

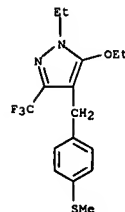
(Biological

study, unclassified); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(new potent antihyperglycemic agents in db/db mice: synthesis and structure-activity relationship studies of (4-substituted benzyl)(trifluoromethyl)pyrazoles and -pyrazolones)

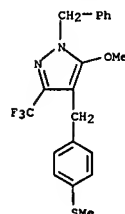
RN 152595-86-3 CAPLUS

CN 1H-Pyrazole, 5-ethoxy-1-ethyl-4-[[4-(methylthio)phenyl]methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 152595-88-5 CAPLUS

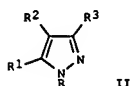
L6 ANSWER 44 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



L6 ANSWER 45 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1996:457800 CAPLUS
 DOCUMENT NUMBER: 125:114608
 TITLE: Preparation of novel acid pyrazoles and pyrazolones as endothelin receptor antagonists
 INVENTOR(S): Fortin, Michel; Zhang, Jidong
 PATENT ASSIGNEE(S): Roussel-UCLAF, Fr.
 SOURCE: PCT Int. Appl., 167 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9612706	A1	19960502	WO 1995-FR1386	19951020
W: AU, BR, CA, CN, FI, HU, JP, KR, MX, RU, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
FR 2725988	A1	19960426	FR 1994-12676	19941024
FR 2725988	B1	19970124		
AU 9538085	A	19960515	AU 1995-38085	19951020
ZA 9508995	A	19961024	ZA 1995-8995	19951024
			FR 1994-12676	A 19941024
PRIORITY APPLN. INFO.:			WO 1995-FR1386	W 19951020

OTHER SOURCE(S): MARPAT 125:114608
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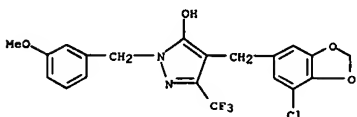


AB Title acid pyrazoles and pyrazolones, e.g. I [R = hydrogen, (un)substituted alkyl, aryl, arylalkyl or alkylaryl, R1-R3 are keto, alkyl, ketoalkyl, alkoxy, aryloxy, alkylthio, arylthio, or one of R1-R3 is hydrogen, and all the possible isomeric forms], are disclosed. Thus,

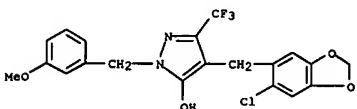
3-butyl-4-[(6-chloro-1,3-benzodioxol-5-yl)methyl]-1-[(3-methoxyphenyl)methyl]-1H-pyrazole-5-carboxylic acid) was prepared and tested as endothelin receptor B (CI50 = 47 nmol).

IT 179108-96-4P 179108-97-5P 179108-98-6P
 179108-99-7P 179109-00-3P 179109-01-4P
 179109-04-7P 179109-07-0P 179109-08-1P
 179109-09-2P 179109-11-6P 179109-12-7P
 179109-13-8P 179109-14-9P 179109-15-0P
 179109-18-3P 179109-19-4P 179109-20-7P
 179109-44-5P 179109-45-6P 179109-46-7P

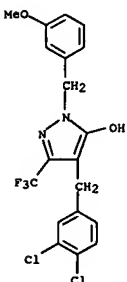
L6 ANSWER 45 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 179108-99-7 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-[(6-chloro-1,3-benzodioxol-5-yl)methyl]-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

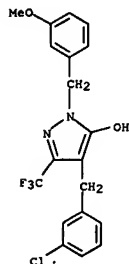


RN 179109-00-3 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-[(3,4-dichlorophenyl)methyl]-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

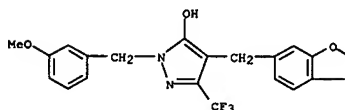


RN 179109-01-4 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-[(1,3-benzodioxol-5-yl)methyl]-1-[(2-methoxyphenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 45 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 179109-47-8P 179109-48-9P 179109-49-0P
 179109-50-3P 179109-51-4P 179109-52-5P
 179109-53-6P 179109-54-7P 179109-97-8P
 RL: IMF (Industrial manufacture); PREP (Preparation)
 (prepn. of acid pyrazoles and pyrazolones as endothelin receptor antagonists)
 RN 179108-96-4 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-[(3-chlorophenyl)methyl]-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

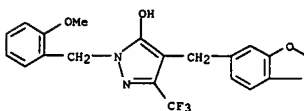


RN 179108-97-5 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-[(1,3-benzodioxol-5-yl)methyl]-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

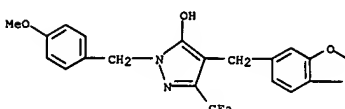


RN 179108-98-6 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-[(7-chloro-1,3-benzodioxol-5-yl)methyl]-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

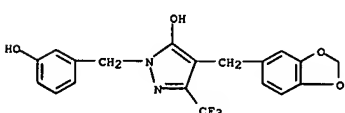
L6 ANSWER 45 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



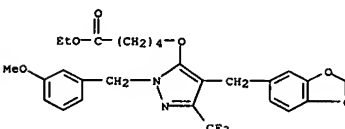
RN 179109-04-7 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-[(1,3-benzodioxol-5-yl)methyl]-1-[(4-methoxyphenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



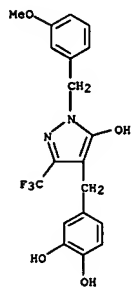
RN 179109-07-0 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-[(1,3-benzodioxol-5-yl)methyl]-1-[(3-hydroxyphenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



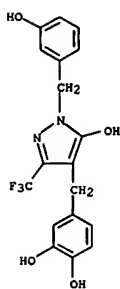
RN 179109-08-1 CAPLUS
 CN Pentanoic acid, 5-[[4-[(1,3-benzodioxol-5-yl)methyl]-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-, ethyl ester (9CI) (CA INDEX NAME)



L6 ANSWER 45 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 RN 179109-09-2 CAPLUS
 CN 1,2-Benzenediol, 4-[[5-hydroxy-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]- (9CI) (CA INDEX NAME)

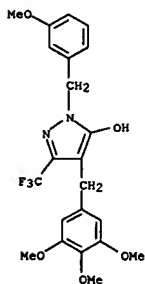


RN 179109-11-6 CAPLUS
 CN 1,2-Benzenediol, 4-[[5-hydroxy-1-[(3-hydroxyphenyl)methyl]-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]- (9CI) (CA INDEX NAME)

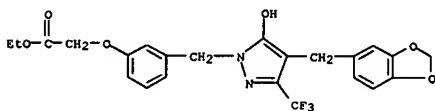


RN 179109-12-7 CAPLUS

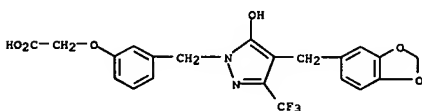
L6 ANSWER 45 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 179109-18-3 CAPLUS
 CN Acetic acid, [3-[[4-[(1,3-benzodioxol-5-yl)methyl]-5-hydroxy-3-(trifluoromethyl)-1H-pyrazol-1-yl]methyl]phenoxy]-, ethyl ester (9CI)
 (CA INDEX NAME)

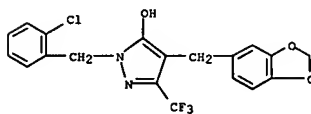


RN 179109-19-4 CAPLUS
 CN Acetic acid, [3-[[4-[(1,3-benzodioxol-5-yl)methyl]-5-hydroxy-3-(trifluoromethyl)-1H-pyrazol-1-yl]methyl]phenoxy]- (9CI) (CA INDEX NAME)

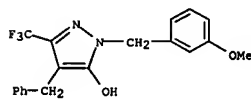


RN 179109-20-7 CAPLUS
 CN 1H-Pyrazol-5-ol, 1,4-bis(1,3-benzodioxol-5-ylmethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

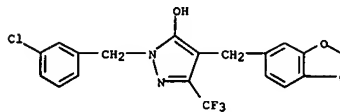
L6 ANSWER 45 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 CN 1H-Pyrazol-5-ol, 4-(1,3-benzodioxol-5-ylmethyl)-1-[(2-chlorophenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 179109-13-8 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-[(3-methoxyphenyl)methyl]-4-(phenylmethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



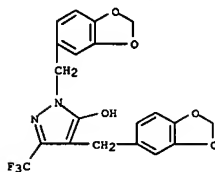
RN 179109-14-9 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-(1,3-benzodioxol-5-ylmethyl)-1-[(3-chlorophenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



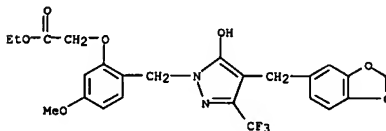
RN 179109-15-0 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)-4-[(3,4,5-trimethoxyphenyl)methyl]- (9CI) (CA INDEX NAME)



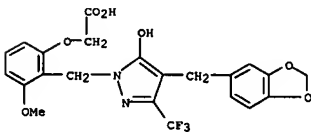
L6 ANSWER 45 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 179109-44-5 CAPLUS
 CN Acetic acid, [2-[[4-[(1,3-benzodioxol-5-yl)methyl]-5-hydroxy-3-(trifluoromethyl)-1H-pyrazol-1-yl]methyl]-5-methoxyphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



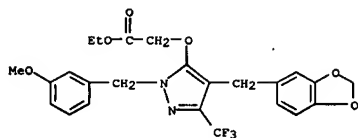
RN 179109-45-6 CAPLUS
 CN Acetic acid, [2-[[4-[(1,3-benzodioxol-5-yl)methyl]-5-hydroxy-3-(trifluoromethyl)-1H-pyrazol-1-yl]methyl]-3-methoxyphenoxy]- (9CI) (CA INDEX NAME)



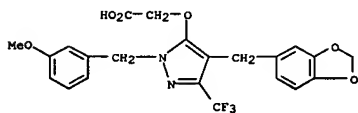
RN 179109-46-7 CAPLUS
 CN Acetic acid, [[4-[(1,3-benzodioxol-5-yl)methyl]-1-[(3-methoxyphenyl)methyl]-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-, ethyl ester (9CI) (CA INDEX NAME)



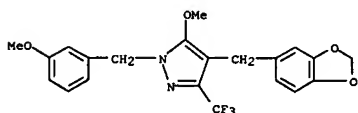
L6 ANSWER 45 OF 80 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)



RN 179109-47-8 CAPLUS
 CN Acetic acid,
 [[4-(1,3-benzodioxol-5-ylmethyl)-1-((3-methoxyphenyl)methyl)-
 3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

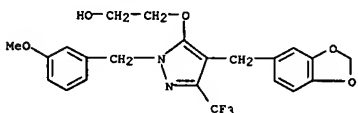


RN 179109-48-9 CAPLUS
 CN 1H-Pyrazole, 4-((1,3-benzodioxol-5-ylmethyl)-5-methoxy-1-((3-methoxyphenyl)methyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl)oxy]- (9CI) (CA INDEX NAME)

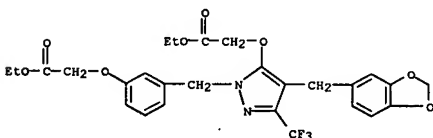


RN 179109-49-0 CAPLUS
 CN Pentanoic acid, 5-[[4-(1,3-benzodioxol-5-ylmethyl)-1-((3-methoxyphenyl)methyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI)
 (CA INDEX NAME)

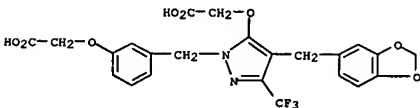
L6 ANSWER 45 OF 80 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)



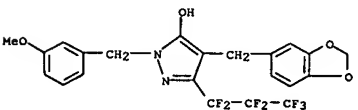
RN 179109-53-6 CAPLUS
 CN Acetic acid, [[4-(1,3-benzodioxol-5-ylmethyl)-1-((3-(2-ethoxy-2-oxoethoxy)phenyl)methyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-, ethyl ester (9CI) (CA INDEX NAME)



RN 179109-54-7 CAPLUS
 CN Acetic acid, [[4-(1,3-benzodioxol-5-ylmethyl)-1-((3-(carboxymethoxy)phenyl)methyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-, ethyl ester (9CI) (CA INDEX NAME)

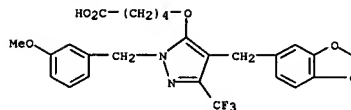


RN 179109-97-8 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-((1,3-benzodioxol-5-ylmethyl)-3-(heptafluoropropyl)-1-((3-methoxyphenyl)methyl)-1H-pyrazol-5-yl)oxy]- (9CI) (CA INDEX NAME)

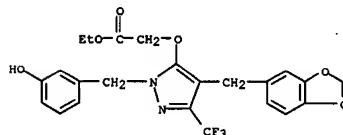


SAAED

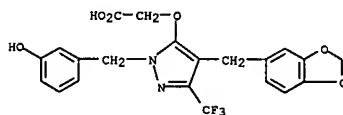
L6 ANSWER 45 OF 80 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)



RN 179109-50-3 CAPLUS
 CN Acetic acid,
 [[4-(1,3-benzodioxol-5-ylmethyl)-1-((3-hydroxyphenyl)methyl)-
 3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-, ethyl ester (9CI) (CA INDEX NAME)



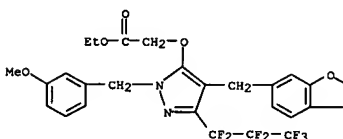
RN 179109-51-4 CAPLUS
 CN Acetic acid,
 [[4-(1,3-benzodioxol-5-ylmethyl)-1-((3-hydroxyphenyl)methyl)-
 3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)



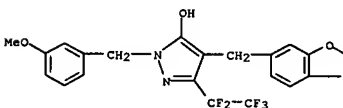
RN 179109-52-5 CAPLUS
 CN Ethanol,
 2-[[4-(1,3-benzodioxol-5-ylmethyl)-1-((3-methoxyphenyl)methyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

L6 ANSWER 45 OF 80 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)

IT 179110-40-8P
 RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation);
 RACT (Reactant or reagent)
 (preparation of acid pyrazoles and pyrazolones as endothelin
 receptor antagonists)
 RN 179110-40-8 CAPLUS
 CN Acetic acid,
 [[4-(1,3-benzodioxol-5-ylmethyl)-3-(heptafluoropropyl)-1-((3-methoxyphenyl)methyl)-1H-pyrazol-5-yl]oxy]-, ethyl ester (9CI) (CA INDEX NAME)

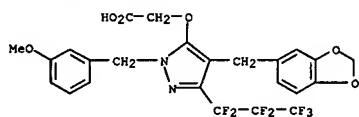


IT 179109-21-8P 179109-24-1P
 RL: IMF (Industrial manufacture); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of acid pyrazoles and pyrazolones as endothelin
 receptor antagonists)
 RN 179109-21-8 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-((1,3-benzodioxol-5-ylmethyl)-1-((3-methoxyphenyl)methyl)-3-(pentafluoroethyl)-1H-pyrazol-5-yl)oxy]- (9CI) (CA INDEX NAME)



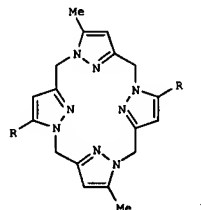
RN 179109-24-1 CAPLUS
 CN Acetic acid,
 [[4-(1,3-benzodioxol-5-ylmethyl)-3-(heptafluoropropyl)-1-((3-methoxyphenyl)methyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

L6 ANSWER 45 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



L6 ANSWER 46 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1996:399852 CAPLUS
 DOCUMENT NUMBER: 125:184056
 TITLE: Synthesis and complexation of macrocycles containing two pyrazolone sub-units
 AUTHOR(S): Marzin, C.; Najl, M.; Coquelet, C.; Tarrago, G.
 CORPORATE SOURCE: Equipe Chimie Supramoléculaire, LMPM, UMR 5635, Université Montpellier II, Montpellier, 34095, Fr.
 SOURCE: Inorganica Chimica Acta (1996), 246(1-2), 217-227
 CODEN: ICHAA3; ISSN: 0020-1693
 PUBLISHER: Elsevier
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI

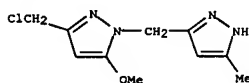


AB The synthesis and characterization of several Ru(II) complexes with acyclic and macrocyclic ligands containing tautomerizable OH and fixed OCH3

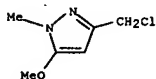
5-pyrazolone heterocycles are described. From dipyrazolylmethane bidentate ligands L, RuL(bpy)2(PF6)2 and Ru(L-H+)(bpy)2PF6 complexes were obtained. From the macrocycle with two CH3 and two OCH3 pyrazole sub-units (I; R = OMe), Ru(I)XY(PF6)2 (X, Y = DMSO, MeCN, Py, pyrazole, 3,5-dimethylpyrazole) were prepared. They show a behavior close to that of the analogous tetrapyrazole complexes but with slightly different complexing ability. In the case of I (R = OH), coordination with Ru(DMSO)4Cl2 leads to unstable complexes.

IT 180518-79-OP 180519-11-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (for preparation of pyrazole derivs. or pyrazole-based macrocycles and their ruthenium complexes)
 RN 180518-79-0 CAPLUS
 CN 1H-Pyrazole, 3-(chloromethyl)-5-methoxy-1-[(5-methyl-1H-pyrazol-3-yl)methyl]- (9CI) (CA INDEX NAME)

L6 ANSWER 46 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

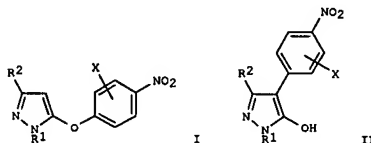


RN 180519-11-3 CAPLUS
 CN 1H-Pyrazole, 3-(chloromethyl)-5-methoxy-1-methyl- (9CI) (CA INDEX NAME)



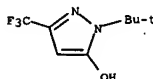
L6 ANSWER 47 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1996:162212 CAPLUS
 DOCUMENT NUMBER: 124:289342
 TITLE: Novel migration of aryl group in pyrazolyl aryl ether
 AUTHOR(S): Park, Kyung-Ho; Kim, Soo; Yum, Eul Kgun; Cho, Sung Yun; Hwang, Ki-Jin; Yu, Chan-Mo
 CORPORATE SOURCE: Korea Res. Inst. Chem. Technol., Taejeon, 305-606, S. Korea
 SOURCE: Bulletin of the Korean Chemical Society (1996), 17(2), 113-114
 CODEN: BKCSDE; ISSN: 0253-2964
 PUBLISHER: Korean Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 124:289342
 GI



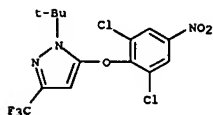
AB Pyrazoles I (R1 = Ph, Me, R2 = Me, X = 2-Cl, 2,6-Cl2; R1 = CF3CH2, R2 = Ph, X = 2,6-Cl2, R1 = Me3C, R2 = CF3, X = 2,6-Cl2) rearranged to pyrazolyl alcs. II in the presence of K2CO3 or KHCO3.

IT 122431-41-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (novel migration of aryl group in pyrazolyl aryl ether)
 RN 122431-41-8 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-(1,1-dimethylethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

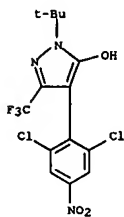


IT 175733-44-5P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (novel migration of aryl group in pyrazolyl aryl ether)
 RN 175733-44-5 CAPLUS
 CN 1H-Pyrazole, 5-(2,6-dichloro-4-nitrophenoxy)-1-(1,1-dimethylethyl)-3-

10/521,593

L6 ANSWER 47 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
(trifluoromethyl)- (9CI) (CA INDEX NAME)

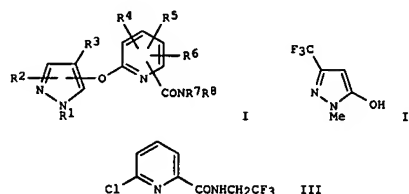
IT 175733-38-7P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (novel migration of aryl group in pyrazolyl aryl ether)
 RN 175733-38-7 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-[(2,6-dichloro-4-nitrophenyl)-1-(1,1-dimethylethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



L6 ANSWER 48 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1996:132822 CAPLUS
 DOCUMENT NUMBER: 124:176091
 TITLE: Preparation of (pyridyloxy)pyrazole derivatives as herbicides
 INVENTOR(S): Morimoto, Katsuyuki; Oonari, Masatoshi; Furusawa, Hiroyuki; Hatanaka, Masataka; Watanabe, Junichi; Kondo, Yasuo; Nawane, Tutomu; Ishikawa, Kimihiro; Shiojima, Kenichi; Nakahira, Kunimitsu
 PATENT ASSIGNEE(S): Nissan Chemical Ind Ltd, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 30 pp.
 CODEN: JXOXAIF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

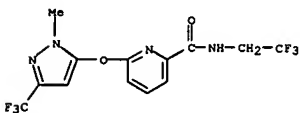
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07285962	A	19951031	JP 1994-81585	19940420
PRIORITY APPLN. INFO.:			JP 1994-81585	19940420

OTHER SOURCE(S): MARPAT 124:176091
 GI

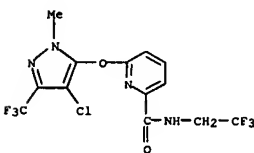


AB The title compds. (I; R1 = alkyl; R2 = (halo)alkyl; R3 = H, halo; R4-R6 = H, Cl-6 alkyl, Cl-4 haloalkyl, etc.; R7, R8 = H, (substituted) alkyl, Ph, R7R8N = 3-9-membered heterocycle) are prepared and formulated.
 Pyrazole derivative II (1.3 g) was stirred with KOH in MeOH at room temperature, MeOH was distilled, toluene was added and distilled, the remaining solid was heated with 1.0 g chloropyridine derivative III and 0.01 g CuCl in DMF at 110° to give 0.80 g I (R1 = Me, R2 = 3-CF3, R3-R7 = H, R8 = 6-CH2CF3), which controlled >90% barnyard grass, Setaria viridis, etc. at 2.5 kg/ha.
 IT 17328-74-OP 173946-93-5P 173946-94-6P
 173946-95-7P 173946-96-8P 173946-97-9P
 173946-98-OP 173946-99-1P 173947-00-7P

L6 ANSWER 48 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 173947-01-8P 173947-02-9P 173947-03-0P
 173947-04-1P 173947-05-2P 173947-06-3P
 173947-07-4P 173947-08-5P 173947-09-6P
 173947-10-9P 173947-14-3P 173947-15-4P
 173947-16-5P 173947-17-6P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of (pyridyloxy)pyrazole derivs. as herbicides)
 RN 157328-74-0 CAPLUS
 CN 2-Pyridinecarboxamide, 6-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

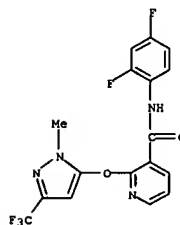


RN 173946-93-5 CAPLUS
 CN 2-Pyridinecarboxamide, 6-[[4-chloro-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

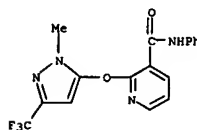


RN 173946-94-6 CAPLUS
 CN 3-Pyridinecarboxamide, N-(2,4-difluorophenyl)-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

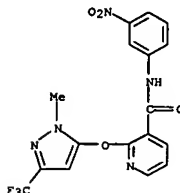
L6 ANSWER 48 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 173946-95-7 CAPLUS
 CN 3-Pyridinecarboxamide, 2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-N-phenyl- (9CI) (CA INDEX NAME)



RN 173946-96-8 CAPLUS
 CN 3-Pyridinecarboxamide, N-(3-nitrophenyl)-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)



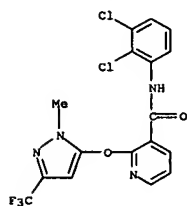
RN 173946-97-9 CAPLUS
 CN 3-Pyridinecarboxamide, N-(2,3-dichlorophenyl)-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

SAEED

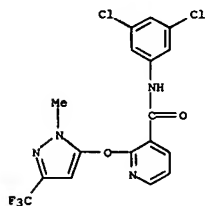
Page 98

10/521,593

L6 ANSWER 48 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

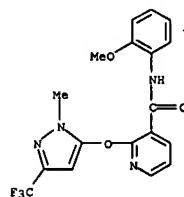


RN 173946-98-0 CAPLUS
CN 3-Pyridinecarboxamide, N-(3,5-dichlorophenyl)-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

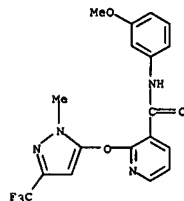


RN 173946-99-1 CAPLUS
CN 3-Pyridinecarboxamide, N-(2-methoxyphenyl)-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

L6 ANSWER 48 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

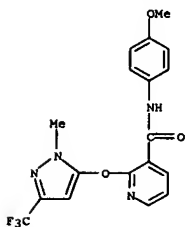


RN 173947-00-7 CAPLUS
CN 3-Pyridinecarboxamide, N-(3-methoxyphenyl)-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

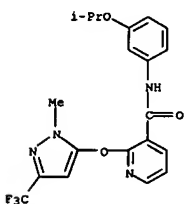


RN 173947-01-8 CAPLUS
CN 3-Pyridinecarboxamide, N-(4-methoxyphenyl)-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

L6 ANSWER 48 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

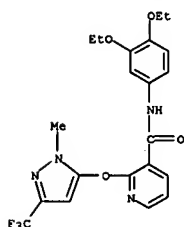


RN 173947-02-9 CAPLUS
CN 3-Pyridinecarboxamide, N-(3-(1-methylethoxy)phenyl)-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

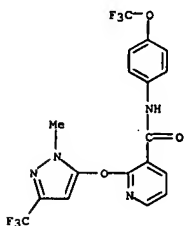


RN 173947-03-0 CAPLUS
CN 3-Pyridinecarboxamide, N-(3,4-diethoxyphenyl)-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

L6 ANSWER 48 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



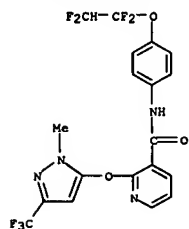
RN 173947-04-1 CAPLUS
CN 3-Pyridinecarboxamide, 2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-N-[4-(trifluoromethoxy)phenyl]- (9CI) (CA INDEX NAME)



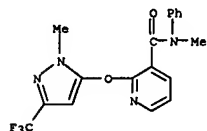
RN 173947-05-2 CAPLUS
CN 3-Pyridinecarboxamide, 2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-N-[4-(1,1,2,2-tetrafluoroethoxy)phenyl]- (9CI) (CA INDEX NAME)

10/521,593

L6 ANSWER 48 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

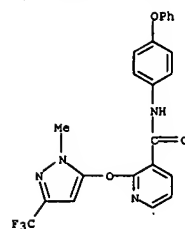


RN 173947-06-3 CAPLUS
CN 3-Pyridinecarboxamide, N-methyl-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-N-phenyl- (9CI) (CA INDEX NAME)

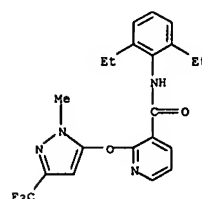


RN 173947-07-4 CAPLUS
CN 3-Pyridinecarboxamide, 2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-N-[4-phenoxyphenyl]- (9CI) (CA INDEX NAME)

L6 ANSWER 48 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

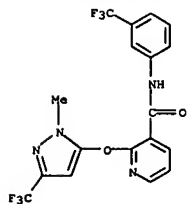


RN 173947-08-5 CAPLUS
CN 3-Pyridinecarboxamide, N-(2,6-diethylphenyl)-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

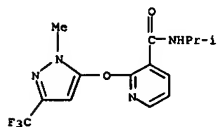


RN 173947-09-6 CAPLUS
CN 3-Pyridinecarboxamide, 2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-N-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

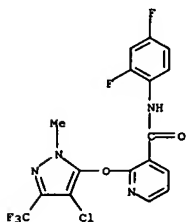
L6 ANSWER 48 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 173947-10-9 CAPLUS
CN 3-Pyridinecarboxamide, N-(1-methylethyl)-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

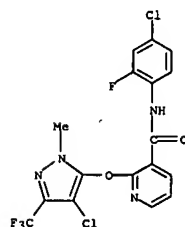


RN 173947-14-3 CAPLUS
CN 3-Pyridinecarboxamide, 2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-N-(2,4-difluorophenyl)- (9CI) (CA INDEX NAME)

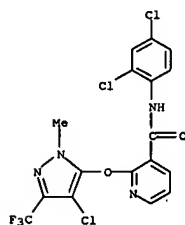


RN 173947-15-4 CAPLUS
CN 3-Pyridinecarboxamide, N-(4-chloro-2-fluorophenyl)-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

L6 ANSWER 48 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



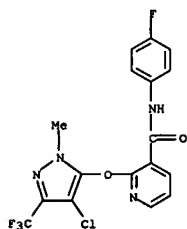
RN 173947-16-5 CAPLUS
CN 3-Pyridinecarboxamide, 2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-N-(2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)



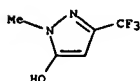
RN 173947-17-6 CAPLUS
CN 3-Pyridinecarboxamide, 2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-N-(4-fluorophenyl)- (9CI) (CA INDEX NAME)

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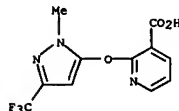
L6 ANSWER 48 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



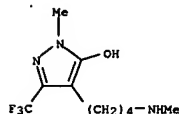
IT 122431-37-2
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of (pyridyloxy)pyrazole derivs. as herbicides)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



IT 173947-11-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of (pyridyloxy)pyrazole derivs. as herbicides)
 RN 173947-11-0 CAPLUS
 CN 3-Pyridinecarboxylic acid, 2-([1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy)- (9CI) (CA INDEX NAME)



L6 ANSWER 49 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 CN 1H-Pyrazol-5-ol, 1-methyl-4-[4-(methylamino)butyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

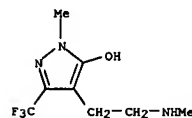


L6 ANSWER 49 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

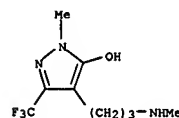
ACCESSION NUMBER: 1995:502779 CAPLUS
 DOCUMENT NUMBER: 123:83234
 TITLE: Heterocyclization of 3-trifluoroacetylactams by hydrazines
 AUTHOR(S): Bouillon, Jean-Philippe; Friaque-Hesbain, Anne-Marie; Janousek, Zdenek; Viehe, Heinz G.
 CORPORATE SOURCE: Lab. de Chimie Organique, Place Louis Pasteur 1, Louvain, B-1348, Belg.
 SOURCE: Heterocycles (1995), 40(2), 661-80
 CODEN: HTCYAM; ISSN: 0385-5414
 PUBLISHER: Japan Institute of Heterocyclic Chemistry
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 123:83234
 AB 3-(Trifluoroacetyl)actams may heterocyclize with hydrazine or with its

Me or Ph derivative either without ring opening to annelated (trifluoromethyl) pyrazoles or by Ring Opening-Ring Closure (RORC) to zwitterionic salts of 4-(ω -alkylamino)-5-hydroxy-3-(trifluoromethyl) pyrazoles.

IT 165554-83-6P 165554-84-7P 165554-85-8P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (reactions of (trifluoroacetyl)actams with hydrazines)
 RN 165554-83-6 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-4-[2-(methylamino)ethyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



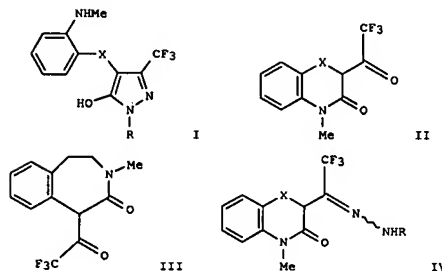
RN 165554-84-7 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-4-[3-(methylamino)propyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 165554-85-8 CAPLUS

L6 ANSWER 50 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1995:355395 CAPLUS
 DOCUMENT NUMBER: 122:213996
 TITLE: Synthesis of 5-hydroxy-3-trifluoromethylpyrazoles by ring opening of 3-trifluoroacetylbenzotactams
 AUTHOR(S): Bouillon, J. P.; Janousek, Z.; Viehe, H. G.; Tinant, B.; Declercq, J. P.
 CORPORATE SOURCE: Lab. Chimie Org., Univ. Catholique Louvain, Louvain-la-Neuve, B-1348, Belg.
 SOURCE: Bulletin des Societes Chimiques Belges (1994), 103(11), 655-64
 CODEN: BSCBAG; ISSN: 0037-9646
 PUBLISHER: Societe Chimique Belges
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 122:213996
 GI



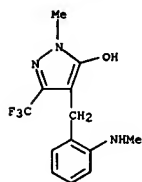
AB New trifluoromethylated pyrazoles I [R = Me, Ph; X = CH₂, (CH₂)₂] have been prepared by condensation of 3-trifluoroacetyl benzotactams

II and III with hydrazines by opening of the lactam moiety. The structure

of pyrazoles was established by x-ray diffraction anal. and by comparison of ¹³C-NMR data. The geometry of intermediate hydrazones IV and their cyclizations were also investigated.

IT 161837-68-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (synthesis of hydroxytrifluoromethylpyrazoles by ring opening of fluoroacetylbenzotactams)
 RN 161837-68-9 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-4-[2-(methylamino)phenyl]methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

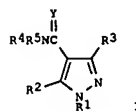
L6 ANSWER 50 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



L6 ANSWER 51 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1994:680635 CAPLUS
 DOCUMENT NUMBER: 121:280635
 TITLE: Preparation of herbicidal pyrazole (thio)carboxamides
 INVENTOR(S): Raphy, Gilles; Gingell, Michael; Hawkins, David
 PATENT-ASSIGNEE(S): William; Richards, Raymond David
 SOURCE: Rhone-Poulenc Agriculture Ltd., UK
 FCT Int. Appl., 67 pp.
 CODEN: FIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9325535	A1	19931223	WO 1993-EP1466	19930609
W: AU, BG, BR, CA, CZ, FI, HU, JP, KR, NZ, PL, RO, RU, SD, SK, UA,				
US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, NL, PT, SE				
AU 9343247	A	19940104	AU 1993-43247	19930609
EP 644879	A1	19950329	EP 1993-912937	19930609
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 07507781	T	19950831	JP 1993-501120	19930609
BR 9306676	A	19981208	BR 1993-6676	19930609
ZA 9304106	A	19940301	ZA 1993-4106	19930610
CN 1104636	A	19950705	CN 1993-108724	19930611
FI 9405791	A	19950209	FI 1994-5791	19941209
PRIORITY APPL. INFO.:			GB 1992-12383	A 19920611
			GB 1992-24280	A 19921119
			GB 1993-6180	A 19930325
			WO 1993-EP1466	A 19930609

OTHER SOURCE(S): MARPAT 121:280635
 GI



AB Claimed are the title compds. I wherein R1 represents optionally substituted alkyl or cycloalkyl; optionally substituted Ph or benzyl; optionally substituted alkenyl or alkynyl; or a group selected from SO2NR61R62, SO2R71 and CONR61R62; R2 represents XR10; R3 represents

L6 ANSWER 51 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 hydrogen, halogen, optionally substituted alkyl or cycloalkyl, cyano, nitro, S(O)mR6, optionally substituted Ph or CO2R6; R4 represents optionally substituted Ph or pyridyl; R5 represents hydrogen or alkyl; Y represents oxygen or sulfur; R6 represents alkyl or haloalkyl; R61 and

R62 independently represent alkyl or haloalkyl; R7 represents alkyl or haloalkyl; R71 represents alkyl, haloalkyl or optionally substituted phenyl; R8 and R9 independently represent hydrogen, alkyl or haloalkyl; R10 represents optionally substituted Ph or pyridyl; or optionally substituted alkyl, alkenyl or alkynyl; X represents oxygen atom, NR11 or S(O)p; R11 represents hydrogen, alkyl or haloalkyl; m and p independently represent 0, 1 or 2. A mixt. of 5-chloro-4-N-(2,4-difluorophenyl)carboxamido-1-methyl-3-trifluoromethylpyrazole, 4-chlorothiophenol, and potassium carbonate in acetonitrile was refluxed for 3 h to give

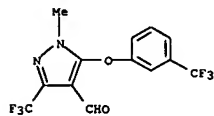
4-N-(2,4-difluorophenyl)carboxamido-5-(4-chlorophenylthio)-1-methyl-3-trifluoromethylpyrazole. The title compds. at 4 kg/ha or less showed excellent herbicidal activity against weeds (Abutilon theophrasti, Avena fatua, etc.).

IT 158712-22-2P 158712-29-9P 158712-30-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and reaction of, in preparation of herbicide)

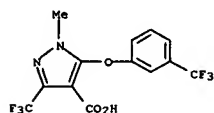
RN 158712-22-2 CAPLUS

CN 1H-Pyrazole-4-carboxaldehyde, 1-methyl-3-(trifluoromethyl)-5-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



RN 158712-29-9 CAPLUS

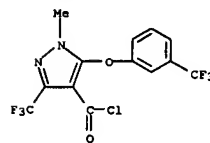
CN 1H-Pyrazole-4-carboxylic acid, 1-methyl-3-(trifluoromethyl)-5-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)



RN 158712-30-2 CAPLUS

CN 1H-Pyrazole-4-carbonyl chloride, 1-methyl-3-(trifluoromethyl)-5-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

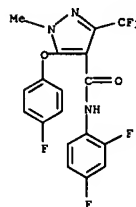
L6 ANSWER 51 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 158712-60-8P 158712-61-9P 158712-62-0P
 158712-65-3P 158712-67-5P 158712-81-3P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as herbicide)

RN 158712-60-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(2,4-difluorophenyl)-5-(4-fluorophenoxy)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

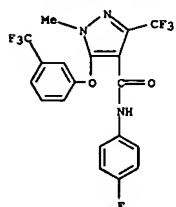


RN 158712-61-9 CAPLUS

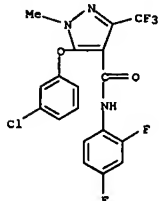
CN 1H-Pyrazole-4-carboxamide, N-(4-fluorophenyl)-1-methyl-3-(trifluoromethyl)-5-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

10/521,593

L6 ANSWER 51 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

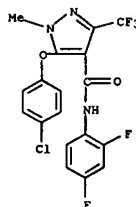


RN 158712-62-0 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-(3-chlorophenoxy)-N-(2,4-difluorophenyl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

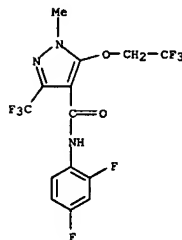


RN 158712-65-3 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-(4-chlorophenoxy)-N-(2,4-difluorophenyl)-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 51 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

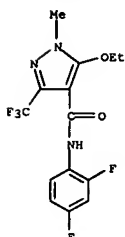


RN 158712-67-5 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-(2,4-difluorophenyl)-1-methyl-5-(2,2,2-trifluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

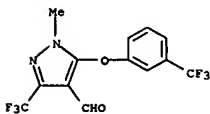


RN 158712-81-3 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-(2,4-difluorophenyl)-5-ethoxy-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 51 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 158712-22-2
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, in preparation of herbicide)
 RN 158712-22-2 CAPLUS
 CN 1H-Pyrazole-4-carboxaldehyde, 1-methyl-3-(trifluoromethyl)-5-[3-(trifluoromethyl)phenoxy]- (9CI) (CA INDEX NAME)

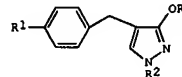
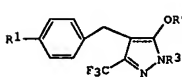


L6 ANSWER 52 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1994:508781 CAPLUS
 DOCUMENT NUMBER: 121:108781
 TITLE: Preparation of benzyltrifluoromethylpyrazoles as hypoglycemics.
 INVENTOR(S): Kees, Kenneth L.
 PATENT ASSIGNEE(S): American Home Products Corp., USA
 SOURCE: U.S., 6 pp. Cont.-in-part of U.S. Ser. No. 864,990.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

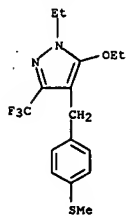
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5274111	A	19931228	US 1993-56967	19930503
US 5264451	A	19931123	US 1992-864990	19920407
PRIORITY APPLN. INFO.:				A2 19920407

OTHER SOURCE(S): MARPAT 121:108781
 GI

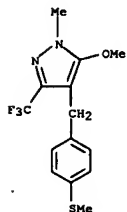


AB Title compds. [I and II; R1 = alkyl, perfluoroalkyl, alkoxy, perfluoroalkoxy, alkylthio, perfluoroalkylthio, alkylsulfanyl, alkylamino, halo, alkenyl, 1-hydroxyalkyl, 1-(hydroxymino)alkyl; R2 = H, alkyl; R3, R4 = alkyl], were prepared. Thus, Et 4,4,4-trifluoroacetate was condensed with 4-(methylthiophenyl)methyl bromide (preparation given) using NaH in dimethoxyethane to give Et α -trifluoroacetyl-3-(4-methylthiophenyl)propionate. This was refluxed with N2H4 in PhMe to give 1,2-dihydro-4-[(4-methylthiophenyl)methyl]-5-trifluoromethyl-3H-pyrazole-3-one, which was methylated with MeI/K2CO3 in MeCN to give 3-methoxy-4-[(4-methylthiophenyl)methyl]-5-trifluoromethyl-1H-pyrazole. The latter at 20 mg/kg orally in mice reduced blood glucose by 57%, vs. a 33% decrease for ciglitazone at 100 mg/kg.
 IT 152595-86-3P 152595-88-5P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of, as hypoglycemic)
 RN 152595-86-3 CAPLUS
 CN 1H-Pyrazole, 5-ethoxy-1-ethyl-4-[(4-methylthio)phenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 52 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 152595-88-5 CAPLUS
CN 1H-Pyrazole, 5-methoxy-1-methyl-4-[[4-(methylthio)phenyl]methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

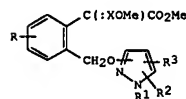


L6 ANSWER 53 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1994:245091 CAPLUS
DOCUMENT NUMBER: 120:245091
TITLE: Preparation of pyrazole containing propenoic ester derivatives as agrochemical fungicides
INVENTOR(S): Hwang, Ki Jun; Kim, Sung Soo
PATENT ASSIGNEE(S): Korea Research Institute of Chemical Technology, S. Korea
SOURCE: PCT Int. Appl., 37 pp.
CODEN: FIXXDZ
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9400436	AL	19940106	WO 1993-KR52	19930623
W: AT, AU, BB, BG, BR, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA,				
US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
KR 9506150	B1	19950609	KR 1992-11150	19920625
AU 9454187	A	19940124	AU 1994-54187	19930623
PRIORITY APPLN. INFO.:			KR 1992-11150	A 19920625
			WO 1993-KR52	A 19930623

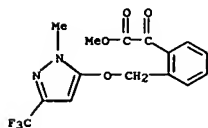
OTHER SOURCE(S): MARPAT 120:245091
GI



AB Title compds. I (R = H, one or more halo, Me, alkyl, alkoxy, O2N, Ph; R1 = Me, alkyl, alkenyl, alkynyl, PhCH2, aryl, (substituted), pyridyl; R2, R3 = H, halo, F3C, haloalkyl; X = C, N) are prepared. To Ph3P+CH2OMe Br- in THF was added EtCHMeLi in cyclohexane followed by Me 2-[2-[[1-methyl-5-(trifluoromethyl)-3-pyrazolyl]methyl]phenyl]glyoxylate in THF to give I (R = R2 = H, R1 = Me, R3 = F3C, X = trans-CH) which showed EC50 against wheat leaf rust and barley powdery mildew of <0.4 and <0.08 ppm, resp.
IT 154315-31-8P

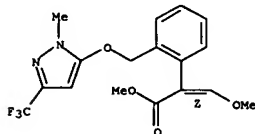
L6 ANSWER 53 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and reaction of, as agrochem. fungicide)

RN 154315-31-8 CAPLUS
CN Benzeneacetic acid, 2-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]-α-oxo-, methyl ester (9CI) (CA INDEX NAME)



IT 154315-10-3P 154315-11-4P 154315-12-5P
154315-13-6P 154315-16-9P 154315-17-0P
154315-18-1P 154315-19-2P 154315-20-5P
154315-21-6P 154315-22-7P 154315-26-1P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BLOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as agrochem. fungicide)
RN 154315-10-3 CAPLUS
CN Benzeneacetic acid, α-(methoxymethylene)-2-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]-, methyl ester, (Z)- (9CI) (CA INDEX NAME)

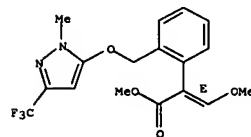
Double bond geometry as shown.



RN 154315-11-4 CAPLUS
CN Benzeneacetic acid, α-(methoxymethylene)-2-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]-, methyl ester, (E)- (9CI) (CA INDEX NAME)

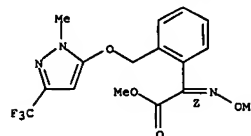
Double bond geometry as shown.

L6 ANSWER 53 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



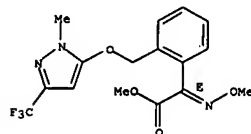
RN 154315-12-5 CAPLUS
CN Benzeneacetic acid, α-(methoxymethylene)-2-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]-, methyl ester, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



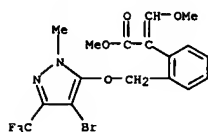
RN 154315-13-6 CAPLUS
CN Benzeneacetic acid, α-(methoxymethylene)-2-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]-, methyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



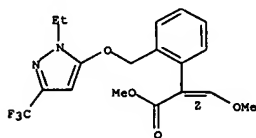
RN 154315-16-9 CAPLUS
CN Benzeneacetic acid, 2-[[[4-bromo-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]-α-(methoxymethylene)-, methyl ester (9CI) (CA INDEX NAME)

L6 ANSWER 53 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



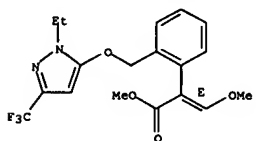
RN 154315-17-0 CAPLUS
CN Benzeneacetic acid, 2-[[[1-ethyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]-α-(methoxymethylene)-, methyl ester, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



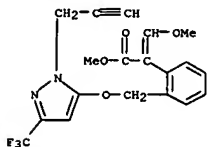
RN 154315-18-1 CAPLUS
CN Benzeneacetic acid, 2-[[[1-ethyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]-α-(methoxymethylene)-, methyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

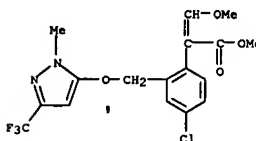


RN 154315-19-2 CAPLUS
CN Benzeneacetic acid, 2-[[[1-ethyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]-α-(methoxyimino)-, methyl ester (9CI) (CA INDEX NAME)

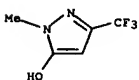
L6 ANSWER 53 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 154315-26-1 CAPLUS
CN Benzeneacetic acid, 4-chloro-α-(methoxymethylene)-2-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]-, methyl ester (9CI) (CA INDEX NAME)

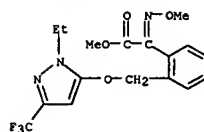


IT 122431-37-2 154315-35-2 154315-36-3
154315-37-4 154315-38-5 154315-39-6
154315-42-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, in preparation of agrochem. fungicides)
RN 122431-37-2 CAPLUS
CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

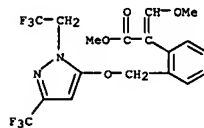


RN 154315-35-2 CAPLUS
CN Benzeneacetic acid, 2-[[[4-bromo-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]-α-oxo-, methyl ester (9CI) (CA INDEX NAME)

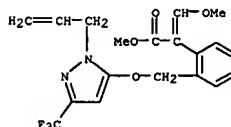
L6 ANSWER 53 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 154315-20-5 CAPLUS
CN Benzeneacetic acid, α-(methoxymethylene)-2-[[[1-(2,2,2-trifluoroethyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]-, methyl ester (9CI) (CA INDEX NAME)

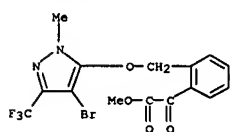


RN 154315-21-6 CAPLUS
CN Benzeneacetic acid, α-(methoxymethylene)-2-[[[1-(2-propenyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]-, methyl ester (9CI) (CA INDEX NAME)

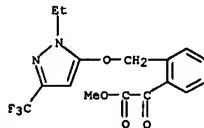


RN 154315-22-7 CAPLUS
CN Benzeneacetic acid, α-(methoxymethylene)-2-[[[1-(2-propynyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]-, methyl ester (9CI) (CA INDEX NAME)

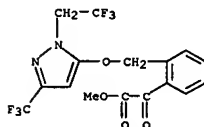
L6 ANSWER 53 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 154315-36-3 CAPLUS
CN Benzeneacetic acid, 2-[[[1-ethyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]-α-oxo-, methyl ester (9CI) (CA INDEX NAME)



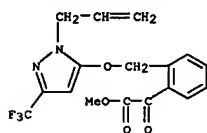
RN 154315-37-4 CAPLUS
CN Benzeneacetic acid, α-oxo-2-[[[1-(2,2,2-trifluoroethyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]-, methyl ester (9CI) (CA INDEX NAME)



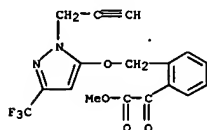
RN 154315-38-5 CAPLUS
CN Benzeneacetic acid, α-oxo-2-[[[1-(2-propenyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl]-, methyl ester (9CI) (CA INDEX NAME)

10/521,593

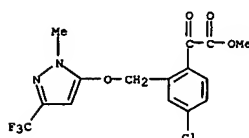
L6 ANSWER 53 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



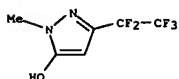
RN 154315-39-6 CAPLUS
CN Benzenecetic acid, α -oxo-2-[[1-(2-propynyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl)-, methyl ester (9CI) (CA INDEX NAME)



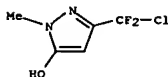
RN 154315-42-1 CAPLUS
CN Benzenecetic acid, 4-chloro-2-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]methyl)- α -oxo-, methyl ester (9CI) (CA INDEX NAME)



L6 ANSWER 54 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

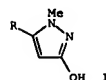


RN 143706-74-5 CAPLUS
CN 1H-Pyrazol-5-yl, 3-(chlorodifluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



L6 ANSWER 54 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1994:217404 CAPLUS
DOCUMENT NUMBER: 120:217404
TITLE: Novel perfluoroalkyl-substituted pyrazoles.
1. Hydroxypyrazoles.
AUTHOR(S): Gaede, Bruce J.; McDermott, Lisa L.
CORPORATE SOURCE: New Prod. Div., Monsanto Co., St. Louis, MO, 63167, USA
SOURCE: Journal of Heterocyclic Chemistry (1993), 30(1), 49-54
CODEN: JHTCAD; ISSN: 0022-152X
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 120:217404
GI

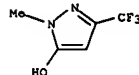


AB Addition of methylhydrazine to haloalkyl-substituted α,β -unsatd. esters MeOCR:CHCO₂Et (R = CF₃, CF₃CF₂, CF₂Cl) gives 1,5-disubstituted 3-hydroxypyrazoles I, in contrast to the more common synthesis from β -keto esters, which gives 1,3-disubstituted 5-hydroxypyrazoles. Criteria for assignment of structures have been developed based on phys. and spectroscopic properties of the isomers. The regiochem. preference

in this addition is considered on the basis of steric, electronic, and mechanistic factors.

IT 122431-37-2P 132631-85-7P 143706-74-5P
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)

RN 122431-37-2 CAPLUS
CN 1H-Pyrazol-5-yl, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 132631-85-7 CAPLUS
CN 1H-Pyrazol-5-yl, 1-methyl-3-(pentafluoroethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 55 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1994:106998 CAPLUS
DOCUMENT NUMBER: 120:106998
TITLE: Pyrazolecarboxanilide agrochemical fungicides
INVENTOR(S): McLoughlin, Jim I.; Metz, Suzanne
PATENT ASSIGNEE(S): Monsanto Co., USA
SOURCE: PCT Int. Appl., 67 pp.
CODEN: PIXXD2

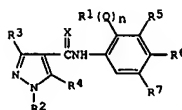
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9311117	A1	19930610	WO 1992-US10509	19921204
W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KR, LK, MG, MN, MW, NO, NZ, PL, RO, RU, SD				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
US 5223526	A	19930629	US 1992-967417	19921105
AU 9332407	A	19930628	AU 1993-32407	19921204
AU 657598	B2	19950316		
ZA 9209441	A	19930825	ZA 1992-9441	19921204
EP 623113	A1	19941109	EP 1993-900895	19921204
EP 623113	B1	19970305		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE JP 07501549	T	19950216	JP 1992-510373	19921204
HU 67795	A2	19950428	HU 1994-1693	19921204
BR 9206869	A	19951128	BR 1992-6869	19921204
AT 149490	T	19970315	AT 1993-900895	19921204
CN 1078234	A	19931110	CN 1993-100017	19930102
PRIORITY APPLN. INFO.:				
			US 1991-802978	A 19911206
			US 1992-877907	A 19920501
			US 1992-967417	A 19921105
			US 1992-936717	B2 19920831
			WO 1992-US10509	A 19921204

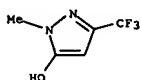
OTHER SOURCE(S): MARPAT 120:106998

GI



AB The title fungicides I [Q = C1-3 alkyl, C2-3 alkenyl, C2-3 alkynyl, (CH₂)_mCH₂; (CH₂)_mX(CH₂)_m; X = O, S; m = 0-3; R1 = C3-12 cycloalkyl, C3-12

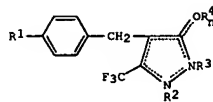
L6 ANSWER 55 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 cycloalkenyl, C6-12 bicycloalkyl, C3-12 oxacycloalkyl, etc.; R2 = H, fluorinated Me, Me, Et, C2-6 alkenyl, C3-6 cycloalkyl, Ph, etc.; R3 = halomethyl, halomethoxy, Me, Et, halogen, CN, MeS, etc.; R4 = H, halogen, Me; R5-R7 = H, halogen, CN, C1-6 alkyl, C2-6 alkenyl, C2-6 alkynyl, C1-4 alkoxy, C1-4 alkylthio, etc.; n = 0, 1, which have a high level of succinate dehydrogenase inhibitory activity in ascomycetes, are prepd.
 and crop-testing data presented. Thus, 1-methyl-3-(trifluoromethyl)-1H-pyrazole-4-carboxylic acid chloride was condensed with 2-cyclohexylaniline, producing N-(2-cyclohexylphenyl)-1-methyl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide.
 IT 122431-37-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and reaction of, in preparation of pyrazolecarboxanilide fungicides)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-yl, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



L6 ANSWER 56 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1994:95803 CAPLUS
 DOCUMENT NUMBER: 120:95803
 TITLE: Process for treating hyperglycemia using trifluoromethyl substituted 3H-pyrazol-3-ones
 INVENTOR(S): Kees, Kenneth L.
 PATENT ASSIGNER(S): American Home Products Corp., USA
 SOURCE: U.S., 9 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

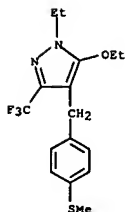
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5264451	A	19931123	US 1992-864990	19920407
US 5274111	A	19931228	US 1993-56967	19930503
PRIORITY APPLN. INFO.:			US 1992-864990	A2 19920407

OTHER SOURCE(S): MARPAT 120:95803
 GI

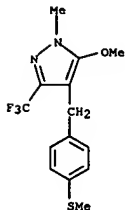


AB Comps. I [dotted lines = 2 sites of unsatn. appropriately located based on the identity of R2, R3 and R4; R1 = C1-6 alkyl, C1-6 perfluoroalkyl, C1-6 alkoxy, C1-6 perfluoroalkoxy, C1-6 alkylthio, C1-6 perfluoroalkylthio, C1-6 alkylsulfanyl, C1-6 alkylamino, halo, C2-6 alkanoyl, C1-6 1-hydroxyalkyl or C1-6 (1-hydroxyimino)alkyl; R2, R3 = absent, H, C1-3 alkyl; R4 = H, C1-3 alkyl; n = 0, 1, or pharmaceutically acceptable salts thereof, are antihyperglycemic agents. Preparation of a variety of I is described. At a dose of 100mg/kg, 1,2-dihydro-4-[(4-methylthiophenyl)methyl]-5-(trifluoromethyl)-3H-pyrazole-3-one (preparation given) reduced blood glucose levels in mice by 73%.
 IT 152595-86-3P 152595-88-5P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of, for hypoglycemic)
 RN 152595-86-3 CAPLUS
 CN 1H-Pyrazole, 5-ethoxy-1-ethyl-4-[(4-(methylthio)phenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

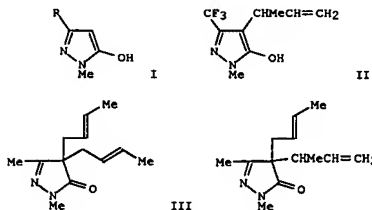
L6 ANSWER 56 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 152595-88-5 CAPLUS
 CN 1H-Pyrazole, 5-methoxy-1-methyl-4-[(4-(methylthio)phenyl)methyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

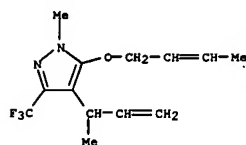


L6 ANSWER 57 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1993:671071 CAPLUS
 DOCUMENT NUMBER: 119:271071
 TITLE: Substituent-influenced alkylation of 3-substituted 5-hydroxypyrazoles: Claisen rearrangement of 5-(allyloxy)pyrazoles
 AUTHOR(S): Hwang, Ki Jun; Yu, Chan Mo; Gong, Young Dae; Park, Kyung Ho
 CORPORATE SOURCE: Korea Res. Inst. Chem. Technol., Daejeon, 305-606, S. Korea
 SOURCE: Heterocycles (1993), 36(6), 1375-80
 CODEN: HETCYM; ISSN: 0385-5414
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 119:271071
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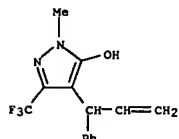


AB Substituent effects of 3-substituted 5-hydroxypyrazoles in the process of alkylation and subsequent [3,3]-sigmatropic rearrangement of the resulting alkylated products are discussed in terms of tautomerism of the hydroxypyrazoles. E.g., reaction of CF3-substituted pyrazole I (R = CF3) with crotyl chloride/K2CO3, followed by subsequent [3,3]-sigmatropic rearrangement of the resulting alkylated product, gave allylhydroxypyrazole II. Reaction of CH3-substituted pyrazole I (R = CH3) with crotyl chloride/K2CO3 gave double alkylated products III and IV.
 IT 151021-45-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and Claisen rearrangement of)
 RN 151021-45-3 CAPLUS
 CN 1H-Pyrazole, 5-(2-butenyloxy)-1-methyl-4-(1-methyl-2-propenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

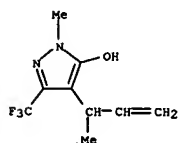
L6 ANSWER 57 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 146257-28-5P 146257-29-6P 146257-35-4P
 146257-36-5P 146257-37-6P 151021-47-5P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 146257-28-5 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-4-(1-phenyl-2-propenyl)-3-(trifluoromethyl)-
 (9CI) (CA INDEX NAME)

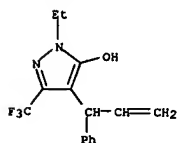


RN 146257-29-6 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-4-(1-methyl-2-propenyl)-3-(trifluoromethyl)-
 (9CI) (CA INDEX NAME)

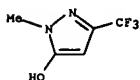


RN 146257-35-4 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-4-(2-methyl-2-propenyl)-3-(trifluoromethyl)-
 (9CI) (CA INDEX NAME)

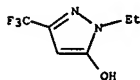
L6 ANSWER 57 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



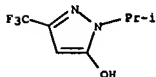
IT 122431-37-2 143706-75-6 143706-77-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with crotyl chloride)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



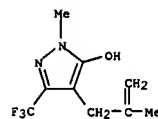
RN 143706-75-6 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-ethyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



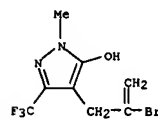
RN 143706-77-8 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-(1-methylethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



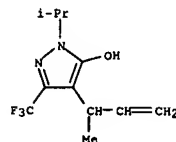
L6 ANSWER 57 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 146257-36-5 CAPLUS
 CN 1H-Pyrazol-5-ol, 4-(2-bromo-2-propenyl)-1-methyl-3-(trifluoromethyl)-
 (9CI) (CA INDEX NAME)



RN 146257-37-6 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-(1-methylethyl)-4-(1-methyl-2-propenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



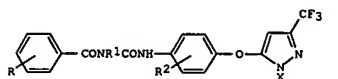
RN 151021-47-5 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-ethyl-4-(1-phenyl-2-propenyl)-3-(trifluoromethyl)-
 (9CI) (CA INDEX NAME)

L6 ANSWER 58 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1993:472601 CAPLUS
 DOCUMENT NUMBER: 119:72601
 TITLE: Preparation of pyrazole containing benzoyl urea derivatives as insecticides
 INVENTOR(S): Hwang, Ki Jun; Park, Kyung Ho
 PATENT ASSIGNEE(S): Korea Research Institute of Chemical Technology, S. Korea
 SOURCE: PCT Int. Appl., 37 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

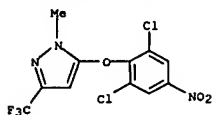
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9304044	A1	19930304	WO 1992-KR39	19920818
W: JP, US				
RM: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
EP 557481	A1	19930901	EP 1992-918057	19920818
EP 557481	B1	19971112		
R: DE, FR, GB				
JP 07507265	T	19950810	JP 1992-504239	19920818
US 5389667	A	19950214	US 1993-39373	19930618
US 5430158	A	19950704	US 1994-313975	19940928
PRIORITY APPLN. INFO.:			KR 1991-14311	A 19910820
			WO 1992-KR39	W 19920818
			US 1993-39373	A3 19930618

OTHER SOURCE(S): MARPAT 119:72601
 GI

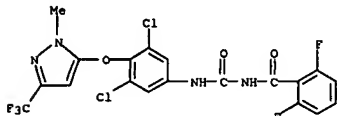


AB Title compds. I (R, R2 = H, one or more halo, alkoxy, O2N; R1 = H, alkyl; X = alkyl, Ph) are prepared 2,6-F2C6H3CONH2 and (COCl)2 were added to ClCH2CH2Cl and the mixture stirred at 100° for 20 h followed by 2,5-difluoro-4-[1-phenyl-3-(trifluoromethyl)-5-pyrazolyloxy]aniline and Et3N to give I (R = 2,6-F2, R1 = H, R2 = 2,6-F2, X = Ph) (II). II at 500 ppm showed an insecticidal rate of 100% against diamond-back moths.
 IT 147801-44-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and reaction of, in preparation of insecticide)
 RN 147801-44-3 CAPLUS
 CN 1H-Pyrazole,
 5-(2,6-dichloro-4-nitrophenoxy)-1-methyl-3-(trifluoromethyl)-
 (9CI) (CA INDEX NAME)

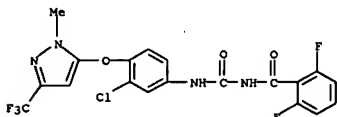
L6 ANSWER 58 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 147801-17-0P 147801-19-2P 147801-21-6P
147801-25-0P 147801-26-1P 147801-29-4P
147801-30-7P 147801-31-8P 147801-41-0P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as insecticide)
RN 147801-17-0 CAPLUS
CN Benzanide,
N-[[[3,5-dichloro-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyl]-2,6-difluoro- (9CI) (CA INDEX NAME)

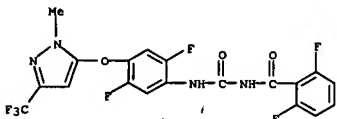


RN 147801-19-2 CAPLUS
CN Benzanide, N-[[[3-chloro-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyl]-2,6-difluoro- (9CI) (CA INDEX NAME)

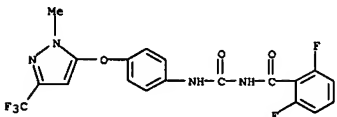


RN 147801-21-6 CAPLUS
CN Benzanide, 2,6-difluoro-N-[[[2,3,5,6-tetrafluoro-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyl]- (9CI) (CA INDEX NAME)

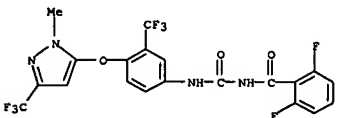
L6 ANSWER 58 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



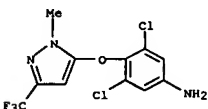
RN 147801-30-7 CAPLUS
CN Benzanide,
2,6-difluoro-N-[[[4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyl]- (9CI) (CA INDEX NAME)



RN 147801-31-8 CAPLUS
CN Benzanide,
2,6-difluoro-N-[[[4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-3-(trifluoromethyl)phenyl]amino]carbonyl]- (9CI) (CA INDEX NAME)



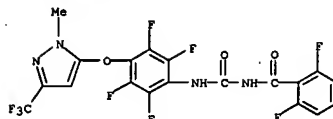
RN 147801-41-0 CAPLUS
CN Benzanamine, 3,5-dichloro-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)



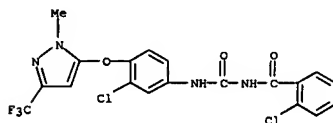
IT 122431-37-2 147801-34-1 147801-36-3

SAEED

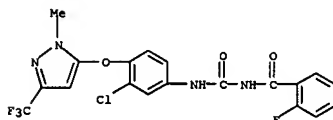
L6 ANSWER 58 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 147801-25-0 CAPLUS
CN Benzanide, 2-chloro-N-[[[3-chloro-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyl]- (9CI) (CA INDEX NAME)



RN 147801-26-1 CAPLUS
CN Benzanide, N-[[[3-chloro-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyl]-2-fluoro- (9CI) (CA INDEX NAME)

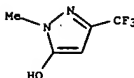


RN 147801-29-4 CAPLUS
CN Benzanide,
N-[[[2,5-difluoro-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]phenyl]amino]carbonyl]-2,6-difluoro- (9CI) (CA INDEX NAME)

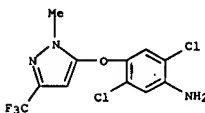
L6 ANSWER 58 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

147801-38-5 147801-40-9
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, in prepn. of insecticides)

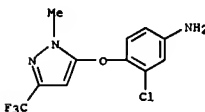
RN 122431-37-2 CAPLUS
CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 147801-34-1 CAPLUS
CN Benzanamine, 2,5-dichloro-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

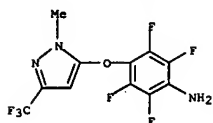


RN 147801-36-3 CAPLUS
CN Benzanamine, 3-chloro-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

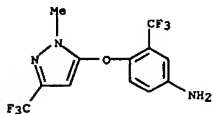


RN 147801-38-5 CAPLUS
CN Benzanamine, 2,3,5,6-tetrafluoro-4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)

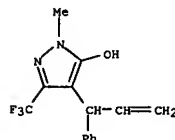
L6 ANSWER 58 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 147801-40-9 CAPLUS
 CN Benzenamine, 4-[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

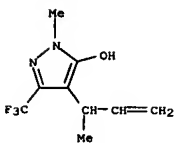


L6 ANSWER 59 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1993:118830 CAPLUS
 DOCUMENT NUMBER: 118:118830
 TITLE: Synthesis and antifungal activities of 3-trifluoromethyl-4-allyl-5-hydroxypyrazoles
 AUTHOR(S): Hwang, Ki Jun; Gong, Young Dae; Park, Kyung Ho; Yu, Chan Mo
 CORPORATE SOURCE: Korea Res. Inst. Chem. Technol., Daejeon, 305-606, S. Korea
 SOURCE: Korean Journal of Medicinal Chemistry (1992), 2(2), 122-6
 CODEN: KJMCE7; ISSN: 1225-0058
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB 4-Allyl-5-hydroxypyrazoles were prepared through [3,3]-sigmatropic rearrangement from the corresponding 5-hydroxypyrazoles. The compds. exhibited appreciable antifungal activities against Pyricularia oryzae, Puccinia recondita, and Erysiphe graminis.
 IT 146257-28-5P 146257-29-6P 146257-35-4P 146257-36-5P 146257-37-6P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation and fungicidal activity of)
 RN 146257-28-5 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-4-(1-phenyl-2-propenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

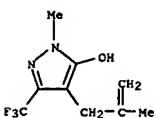


RN 146257-29-6 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-4-(1-methyl-2-propenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

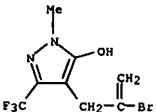
L6 ANSWER 59 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



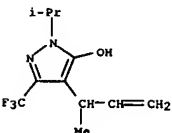
RN 146257-35-4 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-4-(2-methyl-2-propenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 146257-36-5 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-4-(2-bromo-2-propenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

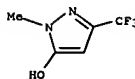


RN 146257-37-6 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-(1-methylethyl)-4-(1-methyl-2-propenyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

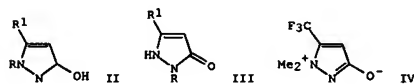


L6 ANSWER 59 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

IT 122431-37-2
 RL: RCT (Reactant); RACT (Reactant or reagent) (reaction of, with crotyl chloride)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

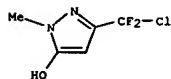


L6 ANSWER 60 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1992:591742 CAPLUS
 DOCUMENT NUMBER: 117:191742
 TITLE: Cyclocondensation of alkylhydrazines and
 β-substituted acetylenic esters: synthesis of
 3-hydroxypyrazoles
 AUTHOR(S): Hamper, Bruce C.; Kurtzweil, Mitchell L.; Beck, James
 P.
 CORPORATE SOURCE: New Prod. Div., Monsanto Co., St. Louis, MO, 63167,
 USA
 SOURCE: Journal of Organic Chemistry (1992), 57(21), 5680-6
 CODEN: JOCEAH; ISSN: 0022-3263
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 117:191742
 GI

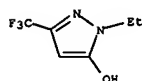


AB Addition of monosubstituted alkylhydrazines RNHNH₂ (I; R = Me, Et, Pr, Bu, CHMe₂, CMe₃, CH₂Ph, CH₂CH₂OH, CH₂CF₃) to acetylenic esters with either electron-withdrawing or sterically bulky β-substituents afforded 1-alkyl-3-hydroxy-5-substituted-pyrazoles II (R as above, R₁ = CF₃, CF₂H, CF₂Cl, CF₂CF₃, CHMe₂, CMe₃, Ph, Pr) as the major regioisomeric product. By comparison, the classical cyclocondensation of alkylhydrazines with β-keto esters gives the regioisomeric pyrazol-5-ones III. The reaction solvent employed in these cyclocondensations can have a profound effect on regioisomeric product ratios. Addition of MeNHNH₂ to Me₂C=CHCO₂Me in methylene chloride gave regiospecific formation of pyrazolinone III (R = Me, R₁ = CHMe₂), whereas addition in water-methanol mixts. afforded hydroxypyrazole II as the major product. Structural assignment of regioisomers II and III are based on ¹³C NMR chemical shifts, long-range heteronuclear coupling consts., and comparisons with regiochem. known hydroxypyrazoles and/or pyrazolinones. Addition of F₃CC(=O)CH₂CO₂Et to Me₂NHNH₂ afforded either acyclic ene-hydrazones F₃CC(=NNMe₂)CH₂CO₂Et or pyrazolium betaine IV depending on the reaction conditions.
 IT 122431-37-2P 122431-41-8P 129922-58-3P
 132631-85-7P 143706-74-5P 143706-75-6P
 143706-76-7P 143706-77-8P 143706-78-9P
 143706-79-0P 143706-80-3P 143706-81-4P

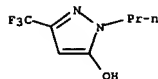
L6 ANSWER 60 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



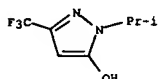
RN 143706-75-6 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-ethyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



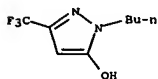
RN 143706-76-7 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-propyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 143706-77-8 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-(1-methylethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



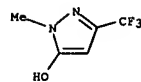
RN 143706-78-9 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-butyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



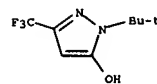
RN 143706-79-0 CAPLUS

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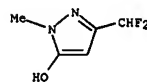
L6 ANSWER 60 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



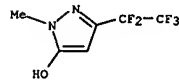
RN 122431-41-8 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-(1,1-dimethylethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 129922-58-3 CAPLUS
 CN 1H-Pyrazol-5-ol, 3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)

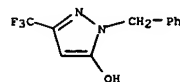


RN 132631-85-7 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(pentafluoroethyl)- (9CI) (CA INDEX NAME)

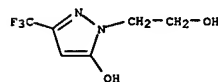


RN 143706-74-5 CAPLUS
 CN 1H-Pyrazol-5-ol, 3-(chlorodifluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)

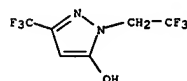
L6 ANSWER 60 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 CN 1H-Pyrazol-5-ol, 1-(phenylmethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 143706-80-3 CAPLUS
 CN 1H-Pyrazole-1-ethanol, 5-hydroxy-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



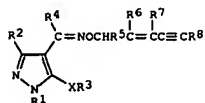
RN 143706-81-4 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-(2,2,2-trifluoroethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



L6 ANSWER 61 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1992:511599 CAPLUS
 DOCUMENT NUMBER: 117:111599
 TITLE: Preparation of 4-formyl or -alkanoylpyrazole
 O-alkenyloxime derivatives as insecticides and
 acaricides
 INVENTOR(S): Taki, Toshiaki; Meki, Naoto; Fujimoto, Hiroaki;
 Umeda,
 PATENT ASSIGNEE(S): Sumitomo Kagaku Kogyo K. K., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 23 pp.
 CODEN: JK00AF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04095076	A	19920327	JP 1990-211796	19900809
PRIORITY APPLN. INFO.:			JP 1990-211796	19900809

OTHER SOURCE(S): MARPAT 117:111599
 GI



AB The title compds. [I; R1 = H, (halo)alkyl, Ph; R2 = halo, (halo)alkoxy, haloalkyl; R3 = (cyclo)alkyl, alkenyl, haloalkyl, alkoxyalkyl, alkylthioalkyl, mono- or dialkylaminosalkyl, (un)substituted Ph or pyridyl,

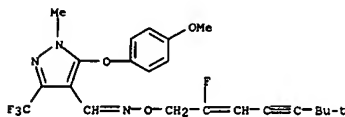
(halo)alkylthio; R4, R5, R7 = H, alkyl; R6 = H, halo, alkyl; R8 = H, (halo)alkyl, cycloalkyl, Ph, pyridyl, aralkyl, Me3Si, Me2PhSi, alkoxyalkyl; X = O, S) are prepared. Thus, 1.00 g 3-ethoxy-1-methyl-5-phenoxypyrazole-4-carbaldehyde oxime was stirred with a solution of 0.26

g NaOH in DMF at room temperature for 1 h, thereto 0.86 g ClCH2CF3. The mixture was added at <30°, and the mixture was stirred at room temperature for 5 h to give I (R1 = Me, R2 = OEt, X = O,

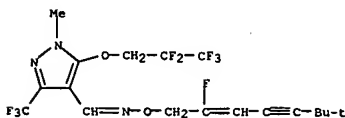
R3 = Ph, R4 = R5 = R7 = H, R6 = F, R8 = CMe3) (II). A rice stem immersed in a 1000 ppm II solution controlled >90% 2nd instar larvae of Nilaparvata lugens.

IT 142668-73-3P 142668-74-4P 142668-75-5P
 142668-76-6P 142668-77-7P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic)

L6 ANSWER 61 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

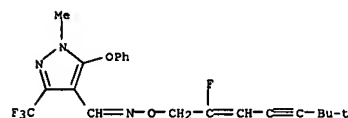


RN 142668-77-7 CAPLUS
 CN 1H-Pyrazole-4-carboxaldehyde, 1-methyl-5-(2,2,3,3,3-pentafluoropropoxy)-3-(trifluoromethyl)-, O-(2-fluoro-6,6-dimethyl-2-hepten-4-ynyl)oxime (9CI) (CA INDEX NAME)

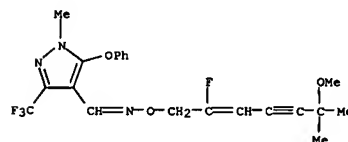


L6 ANSWER 61 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of, as insecticide and acaricide),

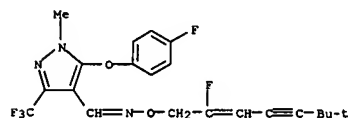
RN 142668-73-3 CAPLUS
 CN 1H-Pyrazole-4-carboxaldehyde, 1-methyl-5-phenoxy-3-(trifluoromethyl)-, O-(2-fluoro-6,6-dimethyl-2-hepten-4-ynyl)oxime (9CI) (CA INDEX NAME)



RN 142668-74-4 CAPLUS
 CN 1H-Pyrazole-4-carboxaldehyde, 1-methyl-5-phenoxy-3-(trifluoromethyl)-, O-(2-fluoro-6-methoxy-6-methyl-2-hepten-4-ynyl)oxime (9CI) (CA INDEX NAME)



RN 142668-75-5 CAPLUS
 CN 1H-Pyrazole-4-carboxaldehyde, 5-(4-fluorophenoxy)-1-methyl-3-(trifluoromethyl)-, O-(2-fluoro-6,6-dimethyl-2-hepten-4-ynyl)oxime (9CI) (CA INDEX NAME)



RN 142668-76-6 CAPLUS
 CN 1H-Pyrazole-4-carboxaldehyde, 5-(4-methoxyphenoxy)-1-methyl-3-(trifluoromethyl)-, O-(2-fluoro-6,6-dimethyl-2-hepten-4-ynyl)oxime (9CI) (CA INDEX NAME)

L6 ANSWER 62 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1991:626073 CAPLUS
 DOCUMENT NUMBER: 115:226073
 TITLE: Pyrazole phenyl ether herbicides inhibit protoporphyrinogen oxidase
 AUTHOR(S): Sherman, Timothy D.; Duke, Mary V.; Clark, Robert D.; Sanders, Ernest F.; Matsumoto, Hiroshi; Duke, Stephen O.
 CORPORATE SOURCE: South. Weed Sci. Lab., Agric. Res. Serv., Stoneville, MS, 38776, USA
 SOURCE: Pesticide Biochemistry and Physiology (1991), 40(3), 236-45
 CODEN: PCBPSB; ISSN: 0048-3575
 DOCUMENT TYPE: Journal
 LANGUAGE: English

AB Two isomeric pairs of pyrazole Ph ether herbicides [AH 2.429, 4-chloro-1-methyl-5-(4-nitrophenoxy)-3-(trifluoromethyl)-1H-pyrazole; AH 2.430, 4-chloro-1-methyl-3-(4-nitrophenoxy)-5-(trifluoromethyl)-1H-pyrazole; AH 2.431, 5-((4-chloro-1-methyl-5-(trifluoromethyl)-1H-pyrazol-3-yl)oxy)-2-nitrobenzoic acid; and AH 2.432, 5-(94-chloro-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl)oxy)-2-nitrobenzoic acid] were evaluated for herbicidal activity in both intact plants and in tissue sections. Their capacity to induce accumulation of porphyrins in tissue sections and to inhibit protoporphyrinogen oxidase (Protox) in vitro were determined. In whole plant tests, the order of herbicidal activity was AH 2.430 > AH 2.431 > AH 2.429 > AH 2.432. AH 2.430 consistently caused light-dependent membrane leakage in both green and far-red light grown cucumber cotyledon and barley primary leaf tissue sections after incubation for 20 h in darkness in 0.1 mM soils. The same treatment caused marked increases in protoporphyrin IX (PPIX) content during the 20-h dark incubation. AH 2.429 and 2.431 were less effective and not effective in all tissues in causing herbicidal damage and PPIX accumulation. AH 2.432 was ineffective in tissue section assays.

Mg-PPIX levels were not significantly affected by any of the compds. Protochlorophyllide levels were decreased by AH 2.430 and 2.431 in barley and increased by AH 2.429, 2.431, and 2.432 in cucumber. A pos. relationship was found between herbicidal activity and the amount of PPIX that was caused to accumulate by each compound. All of the compds. inhibited

Protox activity. Pos. correlations were found between herbicidal activity in vivo over a 300-fold range and in vitro Protox inhibition and the amount of PPIX caused to accumulate in vivo. Apparently, the pyrazole Ph ethers exert their herbicidal activity entirely through inhibition of Protox.

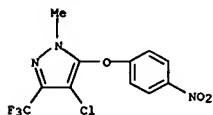
IT 137132-34-4, AH 2.429 137149-71-4, AH 2.432

RL: BIOL (Biological study)
 (protoporphyrinogen oxidase of barley and cucumber inhibition by)

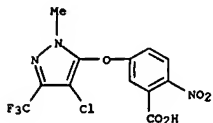
RN 137132-34-4 CAPLUS
 CN 1H-Pyrazole, 4-chloro-1-methyl-5-(4-nitrophenoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

10/521,593

L6 ANSWER 62 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



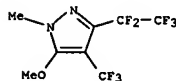
RN 137149-71-4 CAPLUS
CN Benzoic acid, 5-[[4-chloro-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]oxy]-2-nitro- (9CI) (CA INDEX NAME)



L6 ANSWER 63 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:122157 CAPLUS
DOCUMENT NUMBER: 114:122157
TITLE: 5-Fluoro-substituted pyrazoles
AUTHOR(S): Bargamova, M. D.; Motishikite, S. M.; Knunyants, I. L.
CORPORATE SOURCE: Inst. Elementoorg. Soedin., Moscow, USSR
SOURCE: Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1990), (11), 2583-9
CODEN: IASKA6; ISSN: 0002-3353
DOCUMENT TYPE: Journal
LANGUAGE: Russian
OTHER SOURCE(S): CASREACT 114:122157
GI

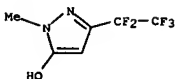


AB Reaction of fluoroalkenes [e.g., (CF₃)₂C=CF, R = C₂F₅, OEt; (CF₃)₂CHCOCF₃] with substituted hydrazines gave title compds. I (same R; R₁ = Ph, Me, COMe). The F atom at C5 is easily substituted by O-, N-, and S-nucleophiles to give alkoxy-, amino-, and mercapto-substituted (fluoroalkyl)pyrazoles.
IT 132631-83-5P 132631-85-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
RN 132631-83-5 CAPLUS
CN 1H-Pyrazole, 5-methoxy-1-methyl-3-(pentafluoroethyl)-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 132631-85-7 CAPLUS
CN 1H-Pyrazol-5-ol, 1-methyl-3-(pentafluoroethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 64 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

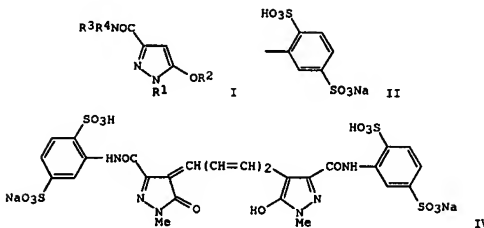


L6 ANSWER 64 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:23963 CAPLUS
DOCUMENT NUMBER: 114:23963
TITLE: Manufacture of carbamoylpyrazole derivatives for photographic couplers, drugs, and agrochemicals
INVENTOR(S): Kawashima, Yasuhiko; Tanaka, Mari; Kojima, Tamotsu; Kagawa, Nobuaki
PATENT ASSIGNEE(S): Konica Co., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKKXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02193975	A	19900731	JP 1989-9883	19890120
JP 2777895	B2	19980723		

PRIORITY APPLN. INFO.: JP 1989-9883 19890120

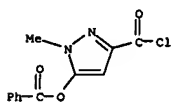
OTHER SOURCE(S): MARPAT 114:23963
GI



AB The title compds. (I: R₁ = H, alkyl, aryl, heterocyclyl; R₂ = protecting group; R₃, R₄ = H, alkyl, aryl, heterocyclyl; ≥1 R₁-R₄ are H₂O-soluble group) were manufactured Thus, treating 1-methyl-3-carboxy-5-pyrazolone with PhCOCl in MeCN in the presence of Et₃N gave 89% 1-methyl-3-carboxy-5-benzoyloxy-pyrazole, which was treated with SOCl₂, then with 2,5-disulfoniline monosodium salt to give 68.2% I (R₁ = Me, R₂ = COPh, R₃ = H, R₄ = II) (III). This was deprotected and treated with PhN:CH(CH₃)₂NHPh.HCl in DMF in the presence of Et₃N to give 93% a H₂O-soluble photog. dye IV having λ_{max} (H₂O) 642 nm.
IT 131190-72-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
RN 131190-72-2 CAPLUS

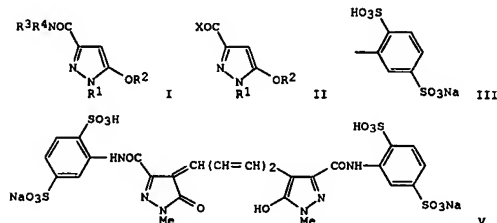
10/521,593

L6 ANSWER 64 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 CN 1H-Pyrazole-3-carbonyl chloride, 5-(benzoyloxy)-1-methyl- (9CI) (CA INDEX NAME)



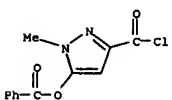
L6 ANSWER 65 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1991:23961 CAPLUS
 DOCUMENT NUMBER: 114:23961
 TITLE: Manufacture of carbamoylpyrazole derivatives as intermediates for photographic couplers, drugs, and agrochemicals
 INVENTOR(S): Kawashima, Yasuhiko; Tanaka, Mari; Kojima, Tamotsu; Kagawa, Nobuaki
 PATENT ASSIGNEE(S): Konica Co., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02193973	A	19900731	JP 1989-9881	19890120
PRIORITY APPLN. INFO.:				
JP 1989-9881				
OTHER SOURCE(S): MARPAT 114:23961				
GI				

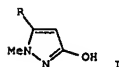


AB The title derivs. I (R1 = H, alkyl, aryl, heterocyclyl; R2 = blocking group; R3, R4 = H, alkyl, aryl, heterocyclyl; R3 = R4 = H; Z1 of R1-R4 are water-soluble group) are manufactured by treating halocarbonylpyrazoles II (R1, R2 = same as I; X = halogen) with HNR3R4 (R3, R4 = same as I). Thus, stirring 1-methyl-3-carboxy-5-pyrazolone with PhCOCl in MeCN in the presence of Et3N gave 89% 1-methyl-3-carboxy-5-benzoyloxypyrazole, which was treated with SOCl2 in the presence of DMF to give 84% II (R1 = Me, R2 = C(=O)Ph, X = Cl), which was then treated with 2,5-disulfoaniline mono-Na salt in DMF in the presence of pyridine at room temperature under stirring for 4 h to give 76.4% I (R1 = Me, R2 = C(=O)Ph, R3 = H, R4 = H).

L6 ANSWER 66 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 R4 = III) (IV). Then, IV was debenzoylated, then treated with PhN:CH(CH:CH)2NHPh.HCl in DMF in the presence of Et3N to give 93% water-sol. photog. dye V having λ_{\max} (H2O) = 642 nm.
 IT 131190-72-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and chlorination of)
 RN 131190-72-2 CAPLUS
 CN 1H-Pyrazole-3-carbonyl chloride, 5-(benzoyloxy)-1-methyl- (9CI) (CA INDEX NAME)

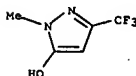


L6 ANSWER 66 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1990:61897 CAPLUS
 DOCUMENT NUMBER: 113:211897
 TITLE: Regioselective synthesis of 1-methyl-3-hydroxy-5-perfluoroalkylpyrazoles by the addition of methylhydrazine to perfluoroalkylacetylenic esters
 AUTHOR(S): Hamper, Bruce C.
 CORPORATE SOURCE: Monsanto Agric. Co., St. Louis, MO, 63167, USA
 SOURCE: Journal of Fluorine Chemistry (1990), 48(1), 123-31
 CODEN: JFLCAR; ISSN: 0022-1139
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 113:211897
 GI

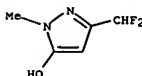


AB A regioselective route to methylhydroxyperfluoroalkylpyrazoles I (R = CF3, CF2F, CF2Cl, CF2H, Me) has been developed. Treatment of RC:CO2Et with MeNHNH2 in MeOH-H2O at 0° or in CH2Cl2 at low temperature leads to I in a regioselective manner. Structural assignments of the regioisomers are based on 13C NMR chemical shifts, long range C-F and C-H coupling. The effect of the acetylene structure on the regioselectivity of the reaction is discussed.

IT 122431-37-2P 129922-58-3P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

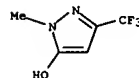


RN 129922-58-3 CAPLUS
 CN 1H-Pyrazol-5-ol, 3-(difluoromethyl)-1-methyl- (9CI) (CA INDEX NAME)



L6 ANSWER 66 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

L6 ANSWER 67 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1990:478230 CAPLUS
 DOCUMENT NUMBER: 113:78230
 TITLE: Synthesis and carbon-13 NMR of (trifluoromethyl)hydroxypyrazoles
 AUTHOR(S): Lee, Len F.; Schleppe, Francis M.; Schneider, Ronald
 CORPORATE SOURCE: W.; Campbell, Dwane H. Technol. Div., Monsanto Agric. Co., St. Louis, MO, 63167, USA
 SOURCE: Journal of Heterocyclic Chemistry (1990), 27(2), 243-5
 CODEN: JHTCAD; ISSN: 0022-152X
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 113:78230
 AB Reaction of Et 4,4,4-trifluoroacetate with methylhydrazine produced not only the previously reported 5-hydroxy-1-methyl-3-(trifluoromethyl)-1-methylpyrazole (I) but also its unknown isomer, i.e., the 3-hydroxy-5-(trifluoromethyl) derivative I was converted to 5-chloro-1-methyl-3-(trifluoromethyl)-4-pyrazolecarboxylic acid in two steps; the latter had no activity as herbicide antidote.
 IT 122431-37-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and chlorination of)
 RN 122431-37-2 CAPLUS
 CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

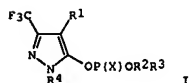


L6 ANSWER 68 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1989:515591 CAPLUS
 DOCUMENT NUMBER: 111:115591
 TITLE: Preparation and testing of insecticidal phosphoric and thiophosphoric acid esters of 5-hydroxypyrazoles, compositions and use
 INVENTOR(S): Hwang, Ki J.; Gong, Yeong D.; Kim, Gil H.
 PATENT ASSIGNEE(S): Korea Research Institute of Chemical Technology, S. Korea
 SOURCE: U.S., 11 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4822779	A	19890418	US 1988-233098	19880815
JP 01249789	A	19891005	JP 1988-213486	19880826
JP 05047553	B	19930719		

PRIORITY APPLN. INFO.: KR 1988-3318 A 19880326

OTHER SOURCE(S): MARPAT 111:115591
 GI



AB The title compds. [I: R1 = H, Br, Cl, iodo; R2 = alkyl; R3 = alkoxy, alkylthio, PhO, PhS; R4 = H, alkyl, (substituted) Ph; X = O, S], useful as insecticides, were prepared 1-Methyl-3-trifluoromethyl-5-hydroxypyrazole, diethyl chlorophosphate, and Et3N were stirred for 3 h in CH2Cl2 to give

I (R1 = H, R2 = Et, R3 = OEt, R4 = Me; X = O). I as a 250 ppm spray on

rice seedlings gave a 55-100% kill of Nilaparvata lugens.

IT 122431-37-2P 122431-41-8P 122431-42-9P

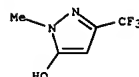
122431-43-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and reaction of, in preparation of insecticides)

RN 122431-37-2 CAPLUS

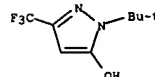
CN 1H-Pyrazol-5-ol, 1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L6 ANSWER 68 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



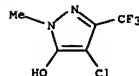
RN 122431-41-8 CAPLUS

CN 1H-Pyrazol-5-ol, 1-(1,1-dimethylethyl)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



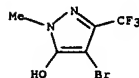
RN 122431-42-9 CAPLUS

CN 1H-Pyrazol-5-ol, 4-chloro-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 122431-43-0 CAPLUS

CN 1H-Pyrazol-5-ol, 4-bromo-1-methyl-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



IT 122431-25-8P 122431-26-9P 122431-27-0P

122431-28-1P 122431-35-0P 122431-45-2P

122450-83-3P

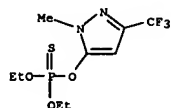
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as insecticide)

RN 122431-25-8 CAPLUS

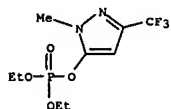
CN Phosphorothioic acid, O,O-diethyl O-[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl] ester (9CI) (CA INDEX NAME)

10/521,593

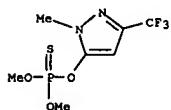
L6 ANSWER 68 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 122431-26-9 CAPLUS
CN Phosphorothioic acid, diethyl 1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl ester (9CI) (CA INDEX NAME)

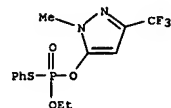


RN 122431-27-0 CAPLUS
CN Phosphorothioic acid, O,O-dimethyl O-[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl] ester (9CI) (CA INDEX NAME)

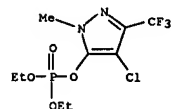


RN 122431-28-1 CAPLUS
CN Phosphorothioic acid, O-ethyl O-[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl] S-phenyl ester (9CI) (CA INDEX NAME)

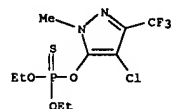
L6 ANSWER 68 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 122431-35-0 CAPLUS
CN Phosphoric acid, 4-chloro-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl diethyl ester (9CI) (CA INDEX NAME)

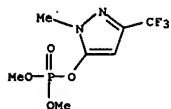


RN 122431-45-2 CAPLUS
CN Phosphorothioic acid, O-[4-chloro-1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl] O,O-diethyl ester (9CI) (CA INDEX NAME)



RN 122450-83-3 CAPLUS
CN Phosphoric acid, dimethyl 1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl ester (9CI) (CA INDEX NAME)

L6 ANSWER 68 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



L6 ANSWER 69 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

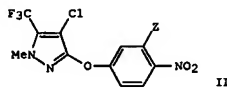
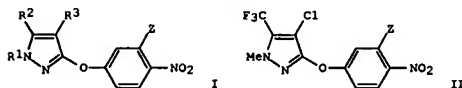
ACCESSION NUMBER: 1989:423509 CAPLUS
DOCUMENT NUMBER: 111:23509
TITLE: Substituted 3-(4-nitrophenoxy)pyrazoles, their herbicidal use and compositions, and processes and intermediates for their preparation
INVENTOR(S): Moedritzer, Kurt; Lee, Len Fang; Rogers, Michael David; Anderson, Dennis Keith; Singh, Rajendra Kumar; Gaede, Bruce John; Torrence, Lisa Louise
PATENT ASSIGNEE(S): Monsanto Co., USA
SOURCE: Eur. Pat. Appl., 338 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 295233	A2	19881214	EP 1988-870104	19880607
EP 295233	A3	19890315		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
US 4855442	A	19890808	US 1988-175461	19880413
US 4948902	A	19900814	US 1988-175462	19880413
AU 8817450	A	19881208	AU 1988-17450	19880607
AU 607225	B2	19910228		
DK 8803086	A	19881209	DK 1988-3086	19880607
FI 8802680	A	19881209	FI 1988-2680	19880607
NO 8802509	A	19881209	NO 1988-2509	19880607
NO 169387	B	19920309		
NO 169387	C	19920617		
BR 8802760	A	19881227	BR 1988-2760	19880607
JP 01025764	A	19890127	JP 1988-140361	19880607
JP 05075746	B	19931021		
CN 1033457	A	19890621	CN 1988-103374	19880607
CN 1021191	B	19930616		
ZA 8804050	A	19900228	ZA 1988-4050	19880607
HU 52063	A2	19900628	HU 1988-2946	19880607
HU 204259	B	19911230		
DD 289461	A5	19910502	DD 1988-316491	19880607
PL 156831	B1	19920430	PL 1988-279591	19880607
PL 156730	B1	19920430	PL 1988-279592	19880607
PL 157154	B1	19920529	PL 1988-272883	19880607
NO 8900595	A	19881209	NO 1989-595	19890210
NO 170276	B	19920622		
NO 170276	C	19920930		
NO 8900596	A	19881209	NO 1989-596	19890210
US 4964895	A	19901023	US 1990-471686	19900130
PRIORITY APPLN. INFO.:				
			US 1987-59431	A 19870608
			US 1987-59712	A 19870608
			US 1988-175460	A 19880413
			US 1988-175461	A 19880413
			US 1988-175462	A 19880413
			US 1988-175463	A 19880413

SAEED

L6 ANSWER 69 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
NO 1988-2509 A1 19880607

OTHER SOURCE(S): CASREACT 111:23509; MARPAT 111:23509
GI



AB Title compds. I [R1 = Me, Et, halomethyl, haloethyl; R2 = Cl, cyano, halomethyl, haloethyl, MeS, EtS, MeS(O), EtS(O), MeS(O)2, EtS(O)2, MeOCH2;

R3 = H, halo, NO2; Z = H, substituent of mol. weight ≤300] are prepared as herbicides. 3-Fluoroacetophenone underwent nitration by fuming HNO3

in the 6-position, followed by condensation with

5-trifluoromethyl-4-chloro-3-hydroxy-1-methylpyrazole to give (trifluoromethyl)chloro(nitrophenoxymethyl)pyrazole II (Z = Ac). This underwent oximation by NH2OH.HCl, followed by etherification of the oxime with BrCH2CO2Me, to give III (Z = MeOCOCH2ON:OMe) (III). At 11.21 kg/ha postemergence, III gave 100% control of 9/10 tested weeds, including barnyardgrass, velvetleaf, and Pennsylvania smartweed.

IT 121279-83-2P 121279-88-7P 121279-91-2P

121298-17-7P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BLD (Biological study); PREP (Preparation); USES (Uses) (preparation of, as herbicide)

RN 121279-83-2 CAPLUS

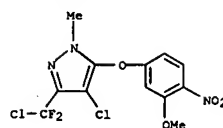
CN 1H-Pyrazole, 4-chloro-5-(chlorodifluoromethyl)-3-(2-chloro-3-methoxy-4-nitrophenoxymethyl)-1-methyl-, mixt. with 4-chloro-3-(chlorodifluoromethyl)-5-(3-methoxy-4-nitrophenoxymethyl)-1-methyl-1H-pyrazole, 4-chloro-5-(chlorodifluoromethyl)-3-(3-methoxy-4-nitrophenoxymethyl)-1-methyl-1H-pyrazole and 5-(chlorodifluoromethyl)-3-(3-methoxy-4-nitrophenoxymethyl)-1-methyl-1H-pyrazole (9CI) (CA INDEX NAME)

CM 1

CRN 121279-82-1

CMF C12 H9 C12 F2 N3 O4

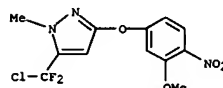
L6 ANSWER 69 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 121279-81-0

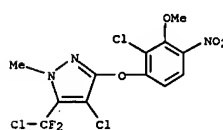
CMF C12 H10 C1 F2 N3 O4



CM 3

CRN 121279-80-9

CMF C12 H8 C13 F2 N3 O4

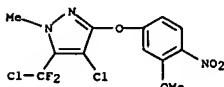


CM 4

CRN 121279-79-6

CMF C12 H9 C12 F2 N3 O4

L6 ANSWER 69 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



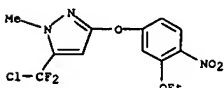
RN 121279-88-7 CAPLUS

CN 1H-Pyrazole, 4-chloro-5-(chlorodifluoromethyl)-3-(2-chloro-3-ethoxy-4-nitrophenoxymethyl)-1-methyl-, mixt. with 4-chloro-3-(chlorodifluoromethyl)-5-(3-ethoxy-4-nitrophenoxymethyl)-1-methyl-1H-pyrazole, 4-chloro-5-(chlorodifluoromethyl)-3-(3-ethoxy-4-nitrophenoxymethyl)-1-methyl-1H-pyrazole and 5-(chlorodifluoromethyl)-3-(3-ethoxy-4-nitrophenoxymethyl)-1-methyl-1H-pyrazole (9CI) (CA INDEX NAME)

CM 1

CRN 121279-87-6

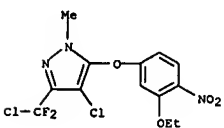
CMF C13 H12 C1 F2 N3 O4



CM 2

CRN 121279-86-5

CMF C13 H11 C12 F2 N3 O4

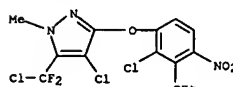


CM 3

CRN 121279-85-4

CMF C13 H10 C13 F2 N3 O4

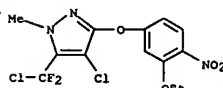
L6 ANSWER 69 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 4

CRN 121279-84-3

CMF C13 H11 C12 F2 N3 O4



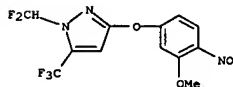
RN 121279-91-2 CAPLUS

CN 1H-Pyrazole, 1-(difluoromethyl)-3-(3-methoxy-4-nitrophenoxymethyl)-5-(trifluoromethyl)-, mixt. with 1-(difluoromethyl)-5-(3-methoxy-4-nitrophenoxymethyl)-3-(trifluoromethyl)-1H-pyrazole (9CI) (CA INDEX NAME)

CM 1

CRN 121279-90-1

CMF C12 H8 F5 N3 O4



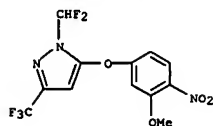
CM 2

CRN 121279-89-8

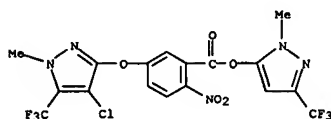
CMF C12 H8 F5 N3 O4

10/521,593

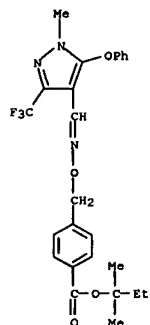
L6 ANSWER 69 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 121298-17-7 CAPLUS
 CN Benzoic acid, 5-[[[4-chloro-1-methyl-5-(trifluoromethyl)-1H-pyrazol-3-yl]oxy]-2-nitro-, 1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl ester (9CI)
 (CA INDEX NAME)

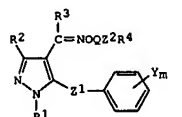


L6 ANSWER 70 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of, as acaricide and insecticide)
 RN 111844-77-0 CAPLUS
 CN Benzoic acid, 4-[[[1-methyl-5-phenoxy-3-(trifluoromethyl)-1H-pyrazol-4-yl]methylene]amino]oxy]methyl]-, 1,1-dimethylpropyl ester (9CI) (CA INDEX NAME)



L6 ANSWER 70 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1989:130538 CAPLUS
 DOCUMENT NUMBER: 110:130538
 TITLE: Preparation of a pyrazole oxime derivatives as insecticides and acarides
 INVENTOR(S): Hamaguchi, Hiroshi; Takaiishi, Hideo; Oshima, Tetsuji; Konno, Takamichi; Shiraiwa, Yutaka; Akita, Takayuki
 PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., USA
 SOURCE: S. African, 264 pp.
 CODEN: SFXKAB
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
ZA 8609667	A	19880224	ZA 1986-9667	19861223
PRIORITY APPL. INFO.:			ZA 1986-9667	19861223
OTHER SOURCE(S):		MARFAT 110:130538		

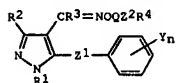


AB The pyrazole oxime derivs. I [R1 = C1-4 alkyl, Ph; R2 = C1-5 alkyl, haloalkyl, Ph; R3 = H, C1-4 alkyl, Ph; R4 = H, C2-4 alkylcarbonyl, Bz, naphthyl, (un)substituted Ph; Y = H, C1-6 alkyl, haloalkyl, halo, OH, alkoxy, haloalkoxy, PhO, etc.; Z1 = O, S; Z2 = O, S, single bond; Q = C1-8 alkylene, haloalkylene, phenylalkylene, C3-12 alkenylene, C3-6 alkynylene, etc.; m = 1-3] are prepared as acaricides and insecticides. A mixture of 1,3-dimethyl-5-phenoxy-pyrazole-4-carbaldehyde oxime, Me 4-(bromomethyl)benzoate, K2CO3 and acetone was refluxed for 8 h, to give I
 (R1 = R2 = Me, R3 = Ym = H, Q = CH2, Z = O, Z2 = single bond, R4 = 4-MeO2CC6H4). Exposure to soybean treated with 200 ppm I (R1 = R2 = Me, R3 = Ym = H, Q = CH2, Z1 = O, Z2 = single bond, R4 = 4-(Me3C)O2CC6H4)
 (II) gave 95-100% kill of Tetranychus urticae. A wettable powder comprised II 50, diatomaceous earth-day mixture 45 and ethoxylated nonylphenyl ether 5 parts.
 IT 111844-77-0P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic)

L6 ANSWER 71 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1988:21882 CAPLUS
 DOCUMENT NUMBER: 108:21882
 TITLE: Preparation of acylpyrazole oximes as pesticides
 INVENTOR(S): Hamaguchi, Hiroshi; Rose, Hanshan; Fujinomori, Takashi; Hideo; Oshima, Tetsuji; Konno, Takamichi; Miyagi, Yukio; Shiraiwa, Yutaka; Akita, Takayuki
 PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan
 SOURCE: Eur. Pat. Appl., 263 pp.
 CODEN: EPXKDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 234045	A2	19870902	EP 1986-118020	19861223
EP 234045	A3	19880302		
EP 234045	B1	19920902		
R: CH, DE, ES, FR, GB, IT, LI, NL, SE				
CA 1300137	C	19920505	CA 1986-525841	19861219
HU 43933	A2	19880128	HU 1986-5401	19861222
HU 201223	B	19901028		
AU 8666921	A	19870716	AU 1986-66921	19861223
AU 568995	B2	19880114		
BR 8606430	A	19871020	BR 1986-6430	19861223
ES 2046169	T3	19940201	ES 1986-118020	19861223
IL 81059	A	19901223	IL 1986-81059	19861225
CN 86108691	A	19880120	CN 1986-108691	19861226
CN 1022919	B	19931201		
JP 63183564	A	19880728	JP 1986-313423	19861227
JP 05043700	B	19930702		
US 4843068	A	19890627	US 1986-947408	19861229
CN 1061321	A	19920527	CN 1991-108000	19911217
CN 1023287	B	19931229		
PRIORITY APPL. INFO.:			JP 1985-295759	A 19851227
			JP 1985-295760	A 19851227
			JP 1986-26582	A 19860208
			JP 1986-151187	A 19860627
			JP 1986-177447	A 19860728
			JP 1986-206442	A 19860902
			JP 1986-206993	A 19860903
			CN 1986-108691	A 19861226

GI

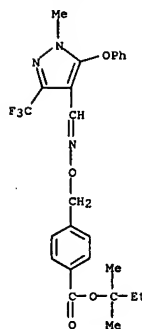


AB The title compds. [I; R1 = alkyl, Ph; R2 = H, haloalkyl, R1; R3 = H, R1; R4 = H, acyl, (substituted) aryl, etc.; Y = H, alkyl, haloalkyl, halo, OH, alkoxy, haloalkoxy, alkylenedioxy, (substituted) PhO; Q = (substituted) alkylene; Z1 = O, S; Z2 = Z1, bond; m = 1-3] were prepared as insecticides, acaricides, and fungicides. tert-Bu 4-(bromomethyl)benzoate was added to a mixture of 1,3-dimethyl-5-phenoxy-pyrazole-4-carboxaldehyde oxime and powdered KOH in DMSO and the mixture was stirred at 50-60° for 1 h to give 67.0% I (R1 = R2 = Me, R3 = Y = H, R4 = 4-Me3CO2CC6H4, Q = CH2, Z1 = O, Z2 = bond) (II). Nilaparvata lugens Nymphs exposed to rice seedlings sprayed with 200 ppm II showed 90-100% mortality after 8 days. A wettable powder was prepared containing II 50, diatomaceous earth/clay 45, and polyoxyethylene nonylphenyl ether 5 parts.

IT 111844-77-OP
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (preparation of, as fungicide, acaricide, and insecticide)

RN 111844-77-0 CAPLUS

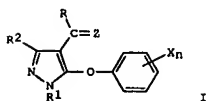
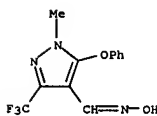
CN Benzoic acid, 4-[[[1-methyl-5-phenoxy-3-(trifluoromethyl)-1H-pyrazol-4-yl]methylene]amino]oxy[methyl]-, 1,1-dimethylpropyl ester (9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1987:515585 CAPLUS
DOCUMENT NUMBER: 107:115585
TITLE: Preparation of 5-phenoxy-4-formyl-pyrazole oxime derivatives as antimicrobial agents and intermediates for drugs and agrochemicals
INVENTOR(S): Takaishi, Hideo; Hamaguchi, Hiroshi; Nishimura, Akira;
PATENT ASSIGNEE(S): Yanaka, Kuniaki
SOURCE: Nihon Nohyaku Co., Ltd., Japan
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 62053969	A	19870309	JP 1985-192688	19850831
JP 06057698	B	19940803		
HU 43931	A2	19880128	HU 1986-3745	19860829
HU 200328	B	19900528		
ES 2001627	A6	19880601	ES 1986-1512	19860829
CS 262676	B2	19890314	CS 1986-6312	19860829
PRIORITY APPLN. INFO.:			JP 1985-192688	A 19850831

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AB The title compds. [I; Z = NOH; R = H, alkyl, Ph; R1, R2 = H, (halo)alkyl, aryl; X = H, halo, (halo)alkyl, alkoxy, alkoxycarbonyl, methylenedioxy; n = 1, 2], useful as antimicrobials and intermediates for drugs and agrochemicals, were prepared by reaction of I (Z = O) with HONH2. An aqueous solution of 0.75 g NaOH was added to a solution of 2 g I (RC:Z = CHO, R1 = R2 = Me, X = H) and 0.8 g HONH2.HCl in MeOH and the mixture was heated at 60° for 1 h to give 2 g I (R = H, Z = NOH, R1 = R2 = Me, X = H). I (R = H, Z = NOH, R1 = R2 = Me; Xn = 4-F or 4-Me) at 200 ppm prevented by 95-100% the growth of Cochliobolus miyabeanus in rice.

IT 110035-50-2P
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of, as antimicrobial and intermediate for drugs and agrochemicals.)

RN 110035-50-2 CAPLUS

CN 1H-Pyrazole-4-carboxaldehyde, 1-methyl-5-phenoxy-3-(trifluoromethyl)-, SAIED

10/521,593

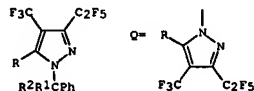
L6 ANSWER 73 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1987:496713 CAPLUS
 DOCUMENT NUMBER: 107:96713
 TITLE: Preparation of fluorinated pyrazole derivatives as intermediates for drugs and agrochemicals
 INVENTOR(S): Okahara, Mitsuo; Ikeda, Isao; Nemoto, Fujito
 PATENT ASSIGNEE(S): Neos Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 62077371	A	19870409	JP 1985-218448	19850930
JP 05086783	B	19931214	JP 1985-218448	19850930

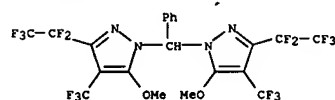
PRIORITY APPLN. INFO.:

OTHER SOURCE(S): CASREACT 107:96713
 GI

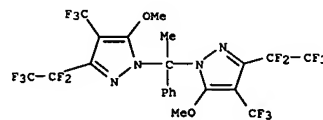


AB The title compds. (I: R = F, MeO; R1 = H, Me; R2 = F, Q or R1R2 = :CH2), useful as intermediates for drugs and agrochems., were prepared (CF3)2C:CF(C2F5) (2.7 mmol) in THF was added dropwise at 0°C to a mixture of 2.4 mmol PhCH:NNH2 and 7.2 mmol Na2CO3; the mixture was stirred at room temperature for 1 h to give 35% (CF3)2CHC(C2F5):NN:CHPh which was heated at 100° for 10 min with CsF in 1,4-dioxane containing Na2CO3 to give 91% I (R = R1 = F, R2 = H).
 IT 97674-49-2P 97674-50-5P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of, as intermediate for drugs and agrochems.)
 RN 97674-49-2 CAPLUS
 CN 1H-Pyrazole, 1,1'-(phenylmethylene)bis[5-methoxy-3-(pentafluoroethyl)-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)]

L6 ANSWER 73 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

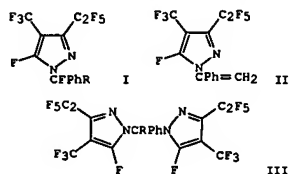


RN 97674-50-5 CAPLUS
 CN 1H-Pyrazole, 1,1'-(1-phenylethylidene)bis[5-methoxy-3-(pentafluoroethyl)-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)]

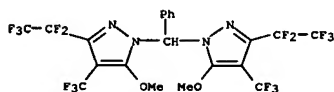


L6 ANSWER 74 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1985:523408 CAPLUS
 DOCUMENT NUMBER: 103:123408
 TITLE: Synthesis of novel pyrazoles containing perfluoroalkyl groups by reactions of perfluoro-2-methylpent-2-ene and hydrazones
 AUTHOR(S): Ikeda, Isao; Kogame, Yoshikazu; Okahara, Mitsuo
 CORPORATE SOURCE: Fac. Eng., Osaka Univ., Suita, 565, Japan
 SOURCE: Journal of Organic Chemistry (1985), 50(19), 3640-2
 CODEN: JOCEAH; ISSN: 0022-3263
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 103:123408
 GI



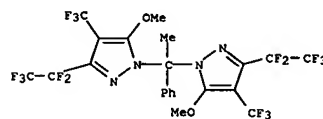
AB Perfluoro-2-methylpent-2-ene reacted with hydrazones derived from BzH or PhCOMe to give the corresponding asym. azines (F3C)2CHC(C2F5):NN:CPHR (R = H, Me) via substitution and proton shift. The azines were converted to pyrazoles I (R = H) or II (R = Me) and II, resp., in the presence of CsF, but in the absence of CsF, produced bis(pyrazolyl)methanes III.
 IT 97674-49-2P 97674-50-5P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 97674-49-2 CAPLUS
 CN 1H-Pyrazole, 1,1'-(phenylmethylene)bis[5-methoxy-3-(pentafluoroethyl)-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)]



RN 97674-50-5 CAPLUS
 CN 1H-Pyrazole, 1,1'-(1-phenylethylidene)bis[5-methoxy-3-(pentafluoroethyl)-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)]

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L6 ANSWER 74 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

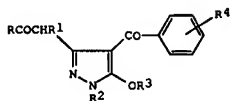


10/521,593

L6 ANSWER 75 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1983:143414 CAPLUS
 DOCUMENT NUMBER: 98:143414
 TITLE: Pyrazole derivatives
 PATENT ASSIGNEE(S): Sankyo Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JXXXXF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 57212162	A	19821227	JP 1981-97053	19810623
JP 03051705	B	19910807		
PRIORITY APPLN. INFO.:			JP 1981-97053	19810623

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AB Pyrazoles I (R = alkoxy, OH, ONa, amino; R1 = H, halo; R2 = H, alkyl, alkenyl; R3 = H, cation, substituted Ph, PhCH2, phenacyl, acyl, tosyl; R4 = halo, NO2, alkyl, alkoxy), useful as herbicides (data given), were prepared. Thus, refluxing II with K2CO3 and Me3COH gave, after acidification, 80.4% I (R = OEt, R1 = R3 = H, R2 = Me, R4 = 2,4-dichlorobenzoyl)-1-methyl-, methyl ester (9CI) (CA INDEX NAME)

IT RL: SPN (Synthetic preparation); PREP (Preparation)

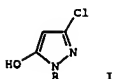
RN 85113-17-3 CAPLUS

CN 1H-Pyrazole-3-acetic acid, 5-(benzoyloxy)-α-bromo-4-(2,4-dichlorobenzoyl)-1-methyl-, methyl ester (9CI) (CA INDEX NAME)

L6 ANSWER 76 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1981:407281 CAPLUS
 DOCUMENT NUMBER: 95:7281
 TITLE: 3-Chloro-5-hydroxypyrazoles
 INVENTOR(S): Boschi, Pier M.; Gozzo, Franco; Longoni, Angelo
 PATENT ASSIGNEE(S): Montedison S.p.A., Italy
 SOURCE: U.S., 7 pp. Cont.-in-part of U.S. Ser. No. 971,548, abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4256902	A	19810317	US 1980-129724	19800312
FR 2412557	A1	19790720	FR 1978-35896	19781221
FR 2412557	B1	19851025		
ZA 7807181	A	19791227	ZA 1978-7181	19781221
BE 873041	A1	19790622	BE 1978-192538	19781222
US 4459294	A	19840710	US 1982-426881	19820929
US 4492690	A	19850108	US 1983-524229	19830818
PRIORITY APPLN. INFO.:			IT 1977-31190	A 19771223
			IT 1977-31191	A 19771223
			US 1978-971548	A2 19781220
			US 1980-129724	A3 19800312
			US 1980-182680	A1 19800829
			US 1982-426881	A1 19820929

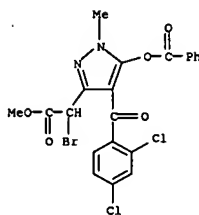
OTHER SOURCE(S): MARPAT 95:7281
 GI



AB 3-Chloro-5-hydroxypyrazoles I (R = H, Cl-7 alkyl optionally substituted with cyano, Ph, PhCH2) were prepared by reaction of RNHNHCOCl (R1 = NH2 or O-alkyl) with Cl2C:CH2COCl, followed by treatment with aqueous alkali. The phosphates and thiophosphates of I are useful as insecticides, acaricides, and nematocides. Thus, 7.4 g Cl2C:CH2COCl was added to a suspension of 7 g PhNNHCONH2 in MeCN cooled to 0 to -5°. After 30 min the mixture was stored at room temperature and 8 g 1-(β,β-dichloroacryloyl)-1-phenylsemicarbazide (II) was obtained. Treatment of 5.5 g II with 10% MeOH at 55-60° for 10 min yielded 4 g I (R = Ph), which (5 g) in

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L6 ANSWER 75 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

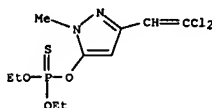


L6 ANSWER 76 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 acetone contg. K2CO3 was treated with (MeO)2PSCl to give 8 g the thiophosphate, which has insecticidal properties.

IT RL: SPN (Synthetic preparation); PREP (Preparation)

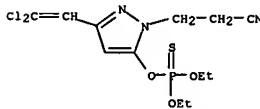
RN 71756-02-0 CAPLUS

CN Phosphorothioic acid, O-[1-(2-cyanoethyl)-3-(2,2-dichloroethenyl)-1H-pyrazol-5-yl] O,O-diethyl ester (9CI) (CA INDEX NAME)



RN 71756-05-3 CAPLUS

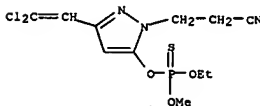
CN Phosphorothioic acid, O-[1-(2-cyanoethyl)-3-(2,2-dichloroethenyl)-1H-pyrazol-5-yl] O,O-diethyl ester (9CI) (CA INDEX NAME)



IT 71747-08-5P 71756-06-4P 71762-46-4P
 71762-48-6P 71762-49-7P 71771-19-2P
 77722-81-7P
 RL: SPN (Synthetic preparation); PREP (Preparation)

RN 71747-08-5 CAPLUS

CN Phosphorothioic acid, O-[1-(2-cyanoethyl)-3-(2,2-dichloroethenyl)-1H-pyrazol-5-yl] O-ethyl O-methyl ester (9CI) (CA INDEX NAME)

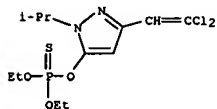


RN 71756-06-4 CAPLUS

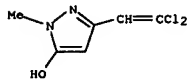
CN Phosphorothioic acid, O-[3-(2,2-dichloroethenyl)-1-(1-methylethyl)-1H-

10/521,593

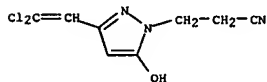
L6 ANSWER 76 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
pyrazol-5-yl] O,O-diethyl ester (9CI) (CA INDEX NAME)



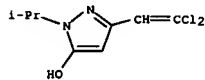
RN 71762-46-4 CAPLUS
CN 1H-Pyrazol-5-yl, 3-(2,2-dichloroethenyl)-1-methyl- (9CI) (CA INDEX NAME)



RN 71762-48-6 CAPLUS
CN 1H-Pyrazole-1-propanenitrile, 3-(2,2-dichloroethenyl)-5-hydroxy- (9CI)
(CA INDEX NAME)



RN 71762-49-7 CAPLUS
CN 1H-Pyrazol-5-yl, 3-(2,2-dichloroethenyl)-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



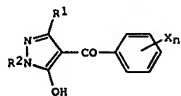
RN 71771-19-2 CAPLUS
CN Phosphoramidothioic acid, dimethyl-, O-[3-(2,2-dichloroethenyl)-1-methyl-1H-pyrazol-5-yl] O-ethyl ester (9CI) (CA INDEX NAME)

L6 ANSWER 77 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1981:26151 CAPLUS
DOCUMENT NUMBER: 94:26151
TITLE: Pyrazole herbicides
PATENT ASSIGNEE(S): Sankyo Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.
CODEN: JKKXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 55113706	A	19800902	JP 1979-11227	19790202
JP 61028642	B	19860701		

PRIORITY APPLN. INFO.: JP 1979-11227 A 19790202

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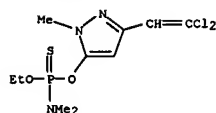


AB Pyrazoles I (R1 and R2 = alkyl, formyl, halogenized alkyl, hydroxyalkyl, Ph, or halogenized Ph; X = alkyl, alkoxy, NO2, or halo; n = 0, 1, or 2) are herbicides. Thus, 100 g 5-(2-chlorobenzoyloxy)-3-dibromomethyl-4-(2,4-dichlorobenzoyl)-1-methylpyrazole [75897-85-7] are controlled Echinochloa crus-galli, Scirpus juncoides, Sagittaria pygmaea, Eleocharis acicularis, Cyperus serotinus, and other broad-leaf weeds in rice. Syntheses of these I are given.

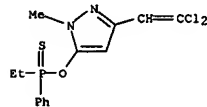
IT 61445-09-8P 75897-85-7P 75898-01-0P
75898-03-2P 75898-07-6P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation and herbicidal activity of)

RN 61445-09-8 CAPLUS
CN Methanone, [5-(benzoyloxy)-3-(bromomethyl)-1-methyl-1H-pyrazol-4-yl] (2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)

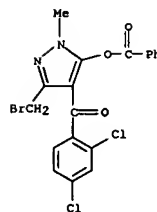
L6 ANSWER 76 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



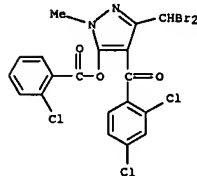
RN 77722-81-7 CAPLUS
CN Phosphinothioic acid, ethylphenyl-, O-[3-(2,2-dichloroethenyl)-1-methyl-1H-pyrazol-5-yl] ester (9CI) (CA INDEX NAME)



L6 ANSWER 77 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



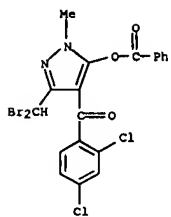
RN 75897-85-7 CAPLUS
CN Benzoic acid, 2-chloro-, 3-(dibromomethyl)-4-(2,4-dichlorobenzoyl)-1-methyl-1H-pyrazol-5-yl ester (9CI) (CA INDEX NAME)



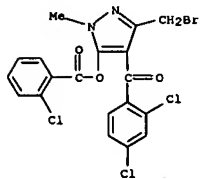
RN 75898-01-0 CAPLUS
CN Methanone, [5-(benzoyloxy)-3-(dibromomethyl)-1-methyl-1H-pyrazol-4-yl] (2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)

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L6 ANSWER 77 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

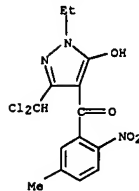


RN 75898-03-2 CAPLUS
CN Benzoic acid, 2-chloro-,
3-(bromomethyl)-4-(2,4-dichlorobenzoyl)-1-methyl-
1H-pyrazol-5-yl ester (9CI) (CA INDEX NAME)



RN 75898-07-6 CAPLUS
CN Methanone,
[3-(dichloromethyl)-1-ethyl-5-hydroxy-1H-pyrazol-4-yl] (5-methyl-
2-nitrophenyl)- (9CI) (CA INDEX NAME)

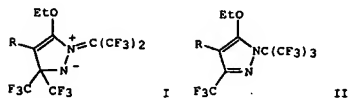
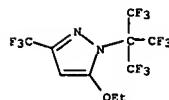
L6 ANSWER 77 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



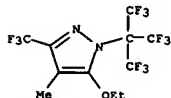
L6 ANSWER 78 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1980:128800 CAPLUS
DOCUMENT NUMBER: 92:128800
TITLE: Synthesis of N-(perfluoro-tert-butyl)pyrazoles
from hexafluoroacetone azine by trifluoromethyl group
migration
AUTHOR(S): Hein, Friedrich; Burger, Klaus; Firl, Joachim
CORPORATE SOURCE: Dep. Org. Chem., Tech. Univ. Munich, Garching,
D-8046,
SOURCE: Fed. Rep. Ger.
Journal of the Chemical Society, Chemical
Communications (1979), (18), 792-3
CODEN: JCCCAT; ISSN: 0022-4936
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 92:128800
GI

L6 ANSWER 78 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



AB (CF₃)₂C:NN:C(CF₃)₂ with RC.tplbond.COEt (R = H, Me) gave the
corresponding
azomethine imides I which on standing at room temperature (1-2 days) or
at
0° (4 wks) rearranged to the corresponding pyrazoles II
in 52-87% yield.
IT 73087-70-4P
RL: FRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(preparation and carbon-13 NMR of)
RN 73087-70-4 CAPLUS
CN 1H-Pyrazole, 5-ethoxy-4-methyl-1-[2,2,2-trifluoro-1,1-
bis(trifluoromethyl)ethyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



IT 73087-69-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 73087-69-1 CAPLUS
CN 1H-Pyrazole,
5-ethoxy-1-[2,2,2-trifluoro-1,1-bis(trifluoromethyl)ethyl]-3-
(trifluoromethyl)- (9CI) (CA INDEX NAME)

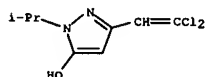
SAEED

L6 ANSWER 79 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1979:593305 CAPLUS
 DOCUMENT NUMBER: 91:193305
 TITLE: Phosphoric acid and thiophosphoric acid esters of 5(3)-hydroxypyrazoles suitable as intermediate products for 5(3)-hydroxypyrazole
 INVENTOR(S): Bosch, Pier Marino; Gorzo, Franco; Longoni, Angelo
 PATENT ASSIGNEE(S): Montedison S.p.A., Italy
 SOURCE: Ger. Offen., 35 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

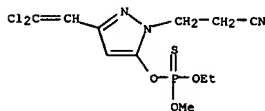
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2855256	A1	19790705	DE 1978-2855256	19781221
DE 2855256	C2	19891109		
NO 7804274	A	19790626	NO 1978-4274	19781219
DK 7805694	A	19790702	DK 1978-5694	19781219
PL 115092	B1	19810331	PL 1978-211969	19781220
RO 77326	A1	19810622	RO 1978-95990	19781220
RO 81226	A1	19830215	RO 1978-102780	19781220
IL 56259	A	19830223	IL 1978-56259	19781220
CH 639393	A5	19831115	CH 1978-12982	19781220
AU 7842765	A	19790628	AU 1978-42765	19781221
FR 2412557	A1	19790720	FR 1978-35896	19781221
FR 2412557	B1	19851025		
BR 7808414	A	19790807	BR 1978-8414	19781221
GB 2013182	A	19790808	GB 1978-49730	19781221
GB 2013182	B	19820818		
ZA 7807181	A	19791227	ZA 1978-7181	19781221
CS 207749	B2	19810831	CS 1978-8758	19781221
IN 149776	A1	19820410	IN 1978-CA1358	19781221
DE 2858748	C2	19900419	DE 1978-2858748	19781221
BE 873041	A1	19790622	BE 1978-192538	19781222
ES 476263	A1	19790716	ES 1978-476263	19781222
JP 54095567	A	19790728	JP 1978-157698	19781222
JP 63047719	B	19880926		
DD 150056	A5	19810812	DD 1978-220132	19781222
DD 150062	A5	19810812	DD 1978-220135	19781222
DD 150425	A5	19810902	DD 1978-210125	19781222
CA 1113946	A1	19811208	CA 1978-318485	19781222
SU 1071197	A3	19840130	SU 1978-2699555	19781222
SU 1001858	A3	19830228	SU 1979-2776759	19790618
JP 62215574	A	19870922	JP 1987-50456	19870306
JP 03039504	B	19910614		
PRIORITY APPLN. INFO.:			IT 1977-31190	A 19771223
			IT 1977-31191	A 19771223

GI

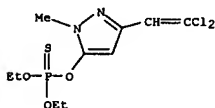
L6 ANSWER 79 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 71747-08-5P 71756-02-0P 71756-05-3P
 71756-06-4P 71756-18-8P 71771-19-2P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation and pesticidal activity of)
 RN 71747-08-5 CAPLUS
 CN Phosphorothioic acid, O-[3-(2-cyanoethyl)-3-(2,2-dichloroethenyl)-1H-pyrazol-5-yl] O-ethyl O-methyl ester (9CI) (CA INDEX NAME)

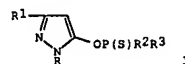


RN 71756-02-0 CAPLUS
 CN Phosphorothioic acid, O-[3-(2,2-dichloroethenyl)-1-methyl-1H-pyrazol-5-yl] O,O-diethyl ester (9CI) (CA INDEX NAME)

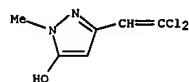


RN 71756-05-3 CAPLUS
 CN Phosphorothioic acid, O-[1-(2-cyanoethyl)-3-(2,2-dichloroethenyl)-1H-pyrazol-5-yl] O,O-diethyl ester (9CI) (CA INDEX NAME)

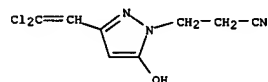
L6 ANSWER 79 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



AB Approx. 50 pyrazolyl thiophosphates I (R = H, C1-7 alkyl, halo-, cyano- and alkoxyphenyl-substituted alkyl, Ph PhCH2, alkenyl, alkynyl; R1 = CH:CCl2, alkylthio, alkoxy, dialkylamino; R2, R3 = alkoxy, alkyl, Ph, alkylthio, alkylamino) were prepared by esterification of hydroxypyrazoles with R2R3P(S)Cl. Thus, 7 g PhNHNHCONH2 and 7.4 g Cl2C:CHCOCl gave 8 g Cl2C:CHCONHPhNHCONH2, 5.5 g of which was cyclized to give 1-phenyl-3-chloro-5-hydroxypyrazole (II). II (5 g) was esterified with (MeO)2P(S)Cl to give I (R = Ph, R1 = Cl, R2 = R3 = MeO) (III). Extensive data were given for the effectiveness of I as insecticides, acaricides, and nematocides. Thus, III, at 0.2 ppm gave 100% kill of Culex larvae, at 0.01% gave 60% kill of Tetranychus urticae, and at 20 ppm, gave 80% kill of Meloidogyne incognita.
 IT 71762-46-4P 71762-48-6P 71762-49-7P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation and esterification of, with phosphorus acids)
 RN 71762-46-4 CAPLUS
 CN 1H-Pyrazol-5-ol, 3-(2,2-dichloroethenyl)-1-methyl- (9CI) (CA INDEX NAME)

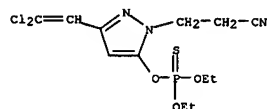


RN 71762-48-6 CAPLUS
 CN 1H-Pyrazole-1-propanenitrile, 3-(2,2-dichloroethenyl)-5-hydroxy- (9CI) (CA INDEX NAME)

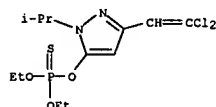


RN 71762-49-7 CAPLUS
 CN 1H-Pyrazol-5-ol, 3-(2,2-dichloroethenyl)-1-(1-methylethyl)- (9CI) (CA INDEX NAME)

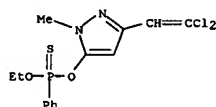
L6 ANSWER 79 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



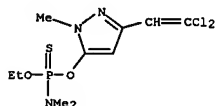
RN 71756-06-4 CAPLUS
 CN Phosphorothioic acid, O-[3-(2,2-dichloroethenyl)-1-(1-methylethyl)-1H-pyrazol-5-yl] O,O-diethyl ester (9CI) (CA INDEX NAME)



RN 71756-18-8 CAPLUS
 CN Phosphonothioic acid, phenyl-, O-[3-(2,2-dichloroethenyl)-1-methyl-1H-pyrazol-5-yl] O-ethyl ester (9CI) (CA INDEX NAME)



RN 71771-19-2 CAPLUS
 CN Phosphoramidothioic acid, dimethyl-, O-[3-(2,2-dichloroethenyl)-1-methyl-1H-pyrazol-5-yl] O-ethyl ester (9CI) (CA INDEX NAME)



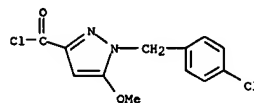
10/521,593

L6 ANSWER 80 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1975:57686 CAPLUS
 DOCUMENT NUMBER: 82:57686
 TITLE: Analgesic and antiinflammatory 5-alkoxy-3-carbamoylpyrazoles
 INVENTOR(S): Kitamikado, Tadashi; Ohno, Sachio; Ootani, Osamu; Kato, Kiyoshi; Nagasaka, Mitsuaki; Hori, Mikio; Fujimura, Hajime; Wakayama, Takahiro; Yamamoto, Hajimu
 PATENT ASSIGNEE(S): Maruko Pharmaceutical Co. Ltd.
 SOURCE: Ger. Offen., 37 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2418574	A1	19741121	DE 1974-2418574	19740417
JP 49126672	A	19741204	JP 1973-43827	19730417
JP 51013154	B	19760426		
JP 50053366	A	19750512	JP 1973-104029	19730913
JP 51013155	B	19760426		
GB 1444678	A	19760804	GB 1974-16329	19740411
CA 1027120	A1	19780228	CA 1974-198176	19740416
FR 2226174	A1	19741115	FR 1974-13392	19740417
US 3953467	A	19760427	US 1974-461764	19740417
ES 425576	A1	19760901	ES 1974-425576	19740417
CH 597196	A5	19780331	CH 1974-5313	19740417
PRIORITY APPLN. INFO.:			JP 1973-43827	A 19730417
			JP 1973-104029	A 19730913

GI For diagram(s), see printed CA Issue.
 AB Seventy-four pyrazoles I (m = 0 or 1; Rn = 2-, 3-, or 4-Cl, 4-Me, 3-F3C, 3-O2N, 3-H2N, 3-Br, 4-MeO, or 3,4-Cl2; R1 = e.g. NH2, NMe2, N(CHMe2)2, NMe, NMeCH2CH2OH, NHCH2CH2NMe2, NHBu, morpholine, 1-pyrrolidinyl, or 4-methyl-1-piperazinyl; R2 = Cl-4 alkyl) or their salts were prepared by reaction of I (R1 = OH, Cl, or OEt) with amines. I had analgesic and inflammation inhibiting activity when tested orally in the mouse or rat, resp. LD50 values were obtained in the rat. Thus, I (m = 0, Rn = 3-F3C, R1 = Cl, R2 = Bu) was treated with Me2NH in Et2O at 10° to give 83.9% I (m = 0, R1 = 3-F3C, R2 = Bu). I (m = 0, Rn = 4-Me, R1 = OH, R2 = Me) was treated with Me2NH and N,N-dicyclo-hexylcarbodiimide in CHCl3 at room temperature to give 46.3% I (m = 0, Rn = 4-Me, R1 = NMe2, R2 = Me). Autoclaving I (m = 1, Rn = 4-Cl, R1 = OEt, R2 = Bu) and NH4OH in MeOH at 60° gave 86.2% I (m = 1, Rn = 4-Cl, R1 = NH2, R2 = Bu).
 IT 54709-03-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (acylation by, of amines)
 RN 54709-03-4 CAPLUS
 CN 1H-Pyrazole-3-carbonyl chloride, 1-[(4-chlorophenyl)methyl]-5-methoxy-

L6 ANSWER 80 OF 80 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 (SCI) (CA INDEX NAME)



10/521,593

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LOGOFF? (Y)/N/HOLD:Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

429.25

604.26

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

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